FREQUENCY ELECTRONICS, INC.

Annual Report

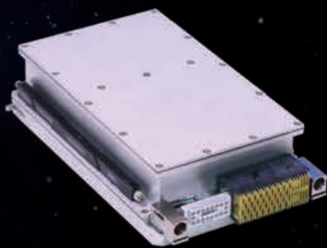
2021

ABOUT FREQUENCY ELECTRONICS

FREQUENCY ELECTRONICS, INC. is a world leader in the design, development and manufacture of high precision timing, frequency generation and RF control products for space and terrestrial applications. FEI's products are used in satellite payloads and in other commercial, government and military systems including C4ISR and electronic warfare, missiles, UAVs, aircraft, GPS, secure communications, energy exploration and wireline and wireless networks. Frequency has received over 100 awards of excellence for achievements in providing high performance electronic assemblies for over 150 space and DOD programs. The Company invests significant resources in research and development to expand its capabilities and markets.

Frequency's Mission Statement:

"Our mission is to provide precision time and low phase noise frequency generation systems from 1 Hz to 50 GHz, for space and other challenging environments."



Subsidiaries and Affiliates: FEI-Zyfer provides GPS and secure timing ("SAASM") capabilities for critical military and commercial applications; FEI-Elcom Tech provides Electronic Warfare ("EW") sub-systems and state-of-the-art RF microwave products. Additional information is available on the Company's website: www.frequencyelectronics.com

FINANCIAL HIGHLIGHTS

For the years ended April 30:	2021	2020
Revenues	$54,254,000	$ 41,507,000
Net Income (Loss)	$ 680,000	$(10,026,000)
Earnings per share (diluted)	$0.07	$(1.10)
Average number of common and common equivalent shares (diluted)	9,248,424	9,073,609

At April 30:		
Working Capital	$40,581,000	$ 37,544,000
Current Ratio	6.0 to 1	3.7 to 1
Total Assets	$86,016,000	$ 91,276,000
Stockholders' Equity	$55,409,000	$ 54,236,000

MARKET PRICES OF COMMON STOCK

The common stock of the Company is listed on the NASDAQ Global Market under the symbol "FEIM."

Fiscal Quarter	High Sale	Low Sale
2021		
First Quarter	**$12.19**	**$ 7.41**
Second Quarter	**10.72**	**9.14**
Third Quarter	**11.43**	**8.91**
Fourth Quarter	**13.06**	**10.31**
2020		
First Quarter	$12.43	$10.43
Second Quarter	12.17	10.35
Third Quarter	11.77	9.04
Fourth Quarter	10.20	5.95

2021 PRESIDENT'S LETTER TO STOCKHOLDERS

August 12, 2021

Our Company performed remarkably in fiscal year 2021, despite being faced with numerous challenges, a global pandemic not the least among them. Financial results were substantially better than the prior fiscal year. Cash generation was excellent, and we weathered some significant legal expenses and managed, nonetheless, to improve net income. We ended the year debt free, with approximately $20 million of cash and marketable securities on hand and with a healthy backlog of $40 million.

It would be hard to discuss last year without reflecting on the pandemic. Unfortunately, the Company lost one employee to COVID and that makes it hard to put a positive spin on the year, but the good news is that all our other employees made it through the year safely. Most affected by the pandemic was our supply chain. Many vendors were impacted by employee absenteeism resulting from quarantine requirements and issues in their own supply chains. This manifested itself in delays in delivery, unavailability of parts and materials and a need to find alternate sources for some of our traditional suppliers. Dealing with these issues and keeping our delivery commitments to our customers required an extraordinary effort on the part of all of our team, an effort which I have to say was largely successful.

OUR PRODUCTS CONTINUE TO CONTRIBUTE TO MANKIND'S KNOWLEDGE OF THE UNIVERSE.

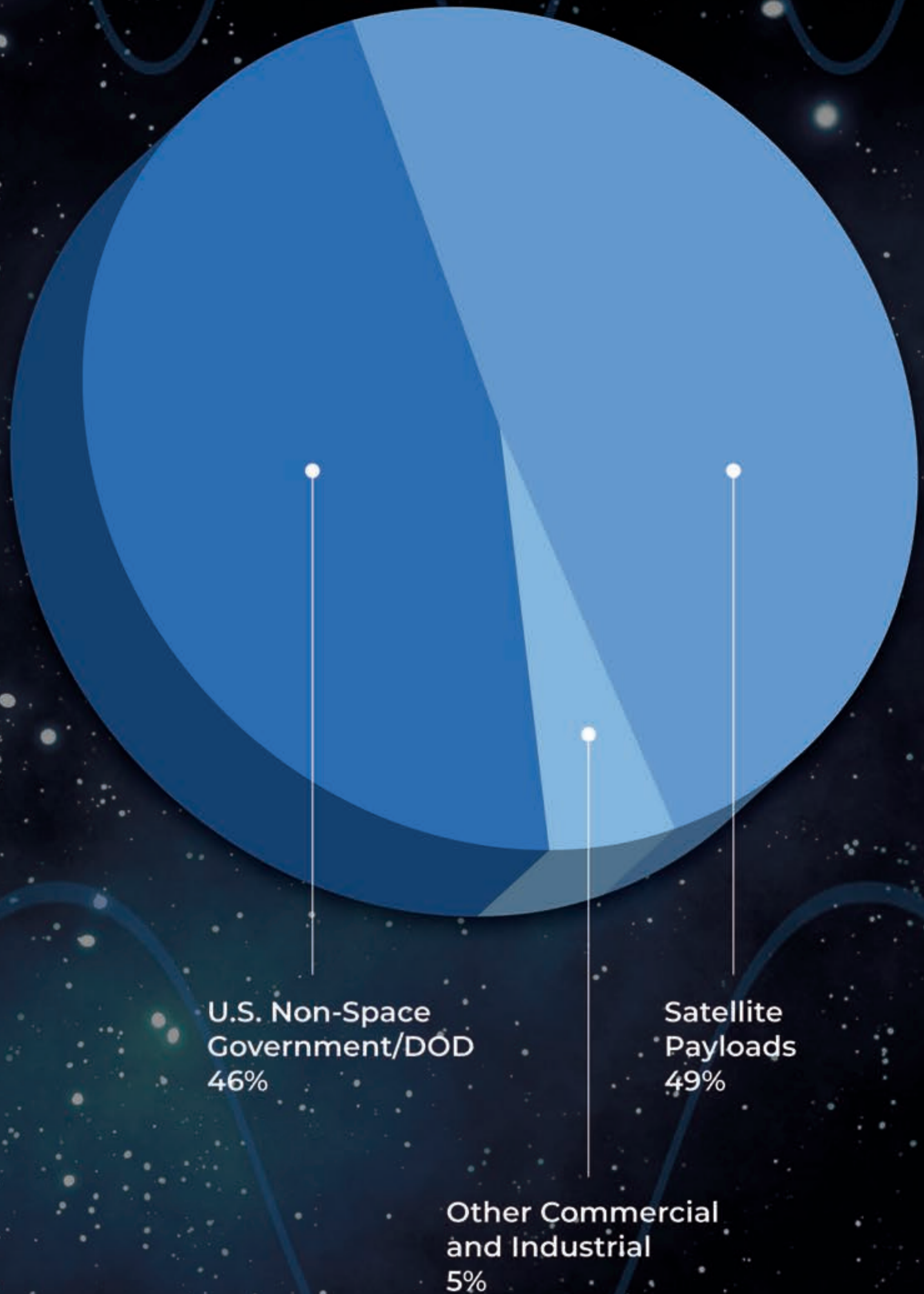
We continued our investments in research and development through the year and are excited about some of the advanced technologies under development. These investments enable us to develop new products, as well as adapt current products for an evolving commercial market and to meet defense priorities, as the nation addresses an ever more threatening geopolitical environment. I am proud to say that our products continue to provide key capabilities that address these needs. Our products also continue to contribute to mankind's knowledge of the universe enabling the Voyager spacecraft to continue communicating with earth, now some fourteen billion miles and forty-four years distant from home.

I am proud to be associated with the remarkable people here at Frequency Electronics and with growing optimism about the future, look forward to the coming years. They will most certainly be exciting ones, not only for the Company and its employees, but for our customers and our shareholders, as well.

Stanton Sloane

President, Chief Executive Officer

FISCAL YEAR 2021 REVENUES BY MARKET AREA



UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 10-K

(Mark one)

☒ ANNUAL REPORT PURSUANT TO SECTION 13 or 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the Fiscal Year ended April 30, 2021

OR

☐ TRANSITION REPORT PURSUANT TO SECTION 13 or 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from __________ to __________

Commission File No. 1-8061

FREQUENCY ELECTRONICS, INC.

(Exact name of Registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization)	**11-1986657** (I.R.S. Employer Identification No.)
55 CHARLES LINDBERGH BLVD., MITCHEL FIELD, N.Y. (Address of principal executive offices)	**11553** (Zip Code)

Registrant's telephone number, including area code: **516-794-4500**

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol	Name of each exchange on which registered
Common Stock (par value $1.00 per share)	**FEIM**	**NASDAQ Global Market**

Securities registered pursuant to Section 12(g) of the Act:

None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes ☐ No ☒

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Exchange Act. Yes ☐ No ☒

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of “large accelerated filer,” “accelerated filer,” “smaller reporting company” and “emerging growth company” in Rule 12b-2 of the Exchange Act.

Large accelerated filer ☐	Accelerated filer ☐
Non-accelerated filer ☒	Smaller Reporting Company ☒
	Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant has filed a report on and attestation to its management’s assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes ☐ No ☒

The aggregate market value of voting common equity held by non-affiliates of the registrant as of October 31, 2020 – $58,700,000

The number of shares outstanding of registrant’s Common Stock, par value $1.00 per share, as of June 25, 2021 – 9,224,892

DOCUMENTS INCORPORATED BY REFERENCE: PART III incorporates information by reference from the definitive proxy statement to be filed for the Annual Meeting of Stockholders to be held on or about October 6, 2021.

FREQUENCY ELECTRONICS, INC. and SUBSIDIARIES

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PART I

Item 1. Business

GENERAL DISCUSSION

Frequency Electronics, Inc. (sometimes referred to as "Registrant", "Frequency Electronics" or the "Company") is a world leader in precision time and frequency generation technology, which is employed in commercial and Government Satellite Payload systems, Secure Communications, Command, Control, Communication, Computer, Intelligence, Security and Reconnaissance ("C4ISR"), and Electronic Warfare ("EW") systems. Its technology is used for a wide range of space and non-space applications.

Unless the context indicates otherwise, references to the Registrant or the Company are to Frequency Electronics, Inc. and its subsidiaries. References to "FEI" are to the parent company alone and do not refer to any of the subsidiaries. Frequency Electronics, a Delaware corporation, has its principal executive office at 55 Charles Lindbergh Boulevard, Mitchel Field, New York 11553. Its telephone number is 516-794-4500 and its website is *www.frequencyelectronics.com.*

Frequency Electronics was founded in 1961 as a research and development firm generating proprietary precision time and frequency technology primarily under contracts for end-use by the United States ("U.S.") Government. In the mid-1990's, the Company evolved into a designer, developer and manufacturer of state-of-the-art products for both commercial and government end-use. The Company's present mission is to be the world leader in providing precision time and low phase noise frequency generation systems, from 1 Hz to 46 GHz for space and other challenging environments. The Company's technology is the key element in enhancing the functionality and performance of many electronic systems.

MARKETS

The Company's principal end markets are time and frequency generation and distribution systems for use in satellite payloads and terrestrial secure command control and communications systems.

For the satellite market, the Company has a unique legacy of providing master timing systems, power converters, and frequency generation, synthesis and distribution systems. These products are applicable for both commercial and U.S. Government end-use. Currently, there are approximately 3,400 satellites with varying remaining useful lives operating in Geostationary, Medium and Low Earth Orbits. The U.S. government operates approximately 1,900 of these. The number of operational satellites with emphasis on high-throughput is expected to continue to grow over the next ten years as demand for higher bandwidths and improved anti-jam-anti-spoofing increases. Furthermore, the U.S. Government is expected to contract options for additional GPS III satellites, and the Company is well positioned to compete for the onboard clock ensemble with its high-precision digital Rubidium atomic frequency standard.

For the terrestrial secure command control and communications systems market, the Company's products support multiple C4ISR and EW applications for the U.S. Government on land, sea and air-borne platforms. Recently identified threats to the communication capabilities of U.S. Government facilities through jamming or "spoofing" global positioning systems ("GPS") signals may be mitigated by the Company's technologies. In addition, similar types of threats to the public and enterprise networks have been identified by the U.S. Department of Homeland Security. The Company's high precision, ruggedized clocks combined with specialized software are essential for certain secure communication systems.

To address these markets, the Company has several corporate entities which operate under two reportable segments primarily based on the geographic locations of its subsidiaries. The two reportable segments are (1) FEI-NY, which includes the subsidiaries FEI Government Systems, Inc., FEI Communications, Inc., and FEI-Elcom Tech, Inc. ("FEI-Elcom") and (2) FEI-Zyfer, Inc. ("FEI-Zyfer").

Frequency Electronics has made a strategic decision to focus on satellite payloads, C4ISR and EW market segments, because these business areas represent significant opportunities for revenue growth.

1. **FEI-NY** – U.S. Government and commercial satellite electronics, as well as products for the U.S. military and commercial telecom customers, are designed and manufactured at the Company's Long Island, New York headquarters facility.

FEI-Elcom designs and manufactures Radio Frequency ("RF") microwave modules, devices and subsystems up to 60 GHz including fast switching, ultra-low phase noise synthesizers, up-down converters, receivers, tuners, ceramic resonance oscillators and dielectric resonance oscillators. These instruments and components are mission critical for multiple applications in the EW market, SATCOM communication, surveillance, signal intelligence (COMINT, MASINT and ELINT), threat simulation, electronic attack ("EA") and electronic prevention ("EP") systems. FEI-Elcom's RF microwave technology has also been utilized to develop new products for application in the Company's satellite payload end market. The Company began consolidating FEI-Elcom's manufacturing capabilities into its FEI-NY operations in 2000, in an effort to reduce costs and improve margin. These efforts continue.

2. **FEI-Zyfer** - Precision time references for terrestrial secure communications and command and control, and frequency products that incorporate GPS technology are manufactured by the Company's subsidiary, FEI-Zyfer. FEI-Zyfer's GPS capability complements the Company's existing technologies and permits the combined entities to provide a broader range of embedded systems for a variety of timing functions and anti-spoofing ("SAASM") applications.

For additional information about these reportable segments, see Item 1. Business – Reportable Segments and Products below.

In addition to its subsidiaries, the Company made a strategic investment in and licensed certain technology to Morion, Inc. ("Morion"), a Russian crystal oscillator manufacturer located in St. Petersburg, Russia. The Company's relationship with Morion, which includes ownership of 4.6% of the outstanding shares of Morion's common stock, permits the Company to secure a cost-effective source for high precision quartz resonators and crystal oscillators. The Morion investment is accounted for under the cost method. For more information regarding the Company's investment in Morion, see Note 10 to the Consolidated Financial Statements.

REPORTABLE SEGMENTS AND PRODUCTS

The Company operates under two reportable segments, primarily aligned with the geographical locations of its subsidiaries: (1) FEI-NY and (2) FEI-Zyfer. Within each segment the Company designs, develops, manufactures and markets precision time and frequency control products for different markets as described below. The Company's Chief Executive Officer measures segment performance based on total revenues and profits generated by each geographic center rather than on the specific types of customers or end-users. Consequently, the Company determined that the segments indicated above appropriately reflect the way the Company's management views the business. The FEI-NY segment, which operates out of the Company's Long Island, New York headquarters facility, also includes the operations of the Company's wholly-owned subsidiary, FEI-Elcom. FEI-Elcom, in addition to its own product line, provides design and technical support for the FEI-NY segment's business. The products manufactured by the FEI-NY segment are principally marketed to the commercial and U.S. Government satellite markets, to other U.S. Department of Defense ("DOD") customers and to wireless communications network providers. The FEI-Zyfer segment, which operates out of California, designs and manufactures products which incorporate GPS technologies and high-precision clocks designed and manufactured at FEI-NY. FEI-Zyfer sells its products to both commercial and U.S. Government customers and collaborates with FEI-NY on joint product development activities.

During fiscal years 2021 and 2020, approximately 78% and 77%, respectively, of the Company's consolidated revenues were from products sold by the FEI-NY segment. In fiscal years 2021 and 2020, sales for the FEI-Zyfer segment were 26% of consolidated revenues. (The sum of annual sales percentages exceeds 100% due to intersegment sales.)

Consolidated revenues include sales to end-users in countries located outside of the U.S., primarily in Europe and China. During fiscal years 2021 and 2020, foreign sales comprised 3% and 4%, respectively, of consolidated revenues. For segment information, see Note 13 to the Consolidated Financial Statements.

FEI-NY SEGMENT:

The Company provides precision time, frequency generation and synchronization products and subsystems that are found on-board satellites, in ground-based communication systems and imbedded in mobile platforms operated by the U.S. military. The Company has made a substantial investment in research and development ("R&D") to apply its core technologies to satellite payloads, non-space DOD programs and commercial and industrial markets. Revenues from satellite payloads, both for commercial and U.S. Government applications, have become the Company's largest business area while the portion of network infrastructure sales has declined relatively. The Company expects to continue to generate substantial revenues from deployment of new and replacement satellites and other U.S. Government/DOD applications including sales of ruggedized subsystems for mobile U.S. military platforms.

Satellite Payloads

The use of satellites launched for communications, navigation, weather forecasting, video and data transmissions and Internet access has expanded the need to transmit increasing amounts of voice, video, and data to earth-based receivers. This requires more precise timing and frequency control at the satellite. The Company manufactures the master timing systems (quartz, rubidium) and other significant timing and frequency generation products for navigation, communication and intelligence collection satellites, and many of the Company's other space assemblies are used onboard spacecraft for command, control and power distribution. Efficient and reliable DC-DC power converters are also manufactured for the Company's own assemblies and as stand-alone products for space applications. The Company's oven-controlled quartz crystal oscillators are cost-effective precision frequency sources suited for high-end performance required in satellite communications, airborne and terrestrial datalinks and geophysical survey positioning systems. Commercial satellite programs which utilize the Company's space-qualified products include Iridium NEXT Constellation, Intelsat EPIC, O3B, WAAS, MexSat, MSV, ICO, TerreStar, EchoStar, Inmarsat and others. The Company is also pursuing core product opportunities for planned satellite constellations that will operate in low- or mid-earth orbits.

In the years ahead, the Company expects that the DOD will require more secure communication capabilities, more assets in space and greater bandwidth. The Global Positioning Satellite System, the MILSTAR Satellite System and the AEHF Satellite System are examples of the programs in which the Company has participated or will participate - programs which management believes are important to the success of the U.S. Government's communication, intelligence and Precision Navigation and Timing (PNT) needs. It is likely that the DOD will move to adopt smaller and less expensive satellites for LEO applications, necessitating adaptation of the Company's products or development of new products to better suit this type of satellite architecture. The Company previously manufactured the master clock for the Trident missile, the basic timing system for the Voyager I and Voyager II deep space exploratory missions and the quartz timing system for the Space Shuttle. The Company's product offerings for U.S. Government satellite programs are similar in design and function to those used on commercial satellites, as described above.

U.S. Government- Non-space

In addition to space-based programs, the Company's proprietary products have been used in airborne and ground-based guidance, navigation, communications, radar, sonar and electronic countermeasures and timing systems. The Company has developed and patented a low acceleration-sensitive technology which offers an approximate 100 times improvement in performance under shock, vibration and other environmental effects as compared to devices not so designed. Products are built in accordance with DOD standards and are in use on many of the U.S. Government's important military applications. The Company anticipates that adequate funds will be provided by the U.S. Government to ensure that these programs are sustained.

FEI-Elcom addresses RF microwave modules and subsystems up to 60 GHz including fast switching, ultra-low phase noise synthesizers, up-down converters, receivers, tuners, ceramic resonance oscillators and dielectric resonance oscillators. These instruments and components are mission critical for many applications in the EW market, including SATCOM communication, surveillance, intelligence collection (SIGINT, COMINT, MASINT, and ELINT) and threat simulation systems.

The Company's sales on U.S. Government programs for both space and non-space applications are generally made under fixed price or cost-plus contracts either directly with U.S. Government agencies or indirectly through subcontracts intended for government end-use. For fixed-price contracts, the price paid to the Company is not subject to adjustment by reason of costs incurred by the Company in the performance of the contract, except for costs incurred due to contract changes ordered by the customer. These contracts are negotiated on terms under which the Company bears the risk of cost overruns and derives the benefit from cost savings. Cost-plus contracts reimburse the Company for the actual costs incurred in performance of the contract requirements.

As indicated above, many of the programs and platforms for which the Company supplies products and systems, are used by the U.S. Government for maintaining secure communications world-wide, for obtaining vital intelligence and for enabling precision targeting capabilities. It is the belief of management that the future success of the mission of the U.S. military and intelligence community is dependent on successful and timely deployment of these systems. Thus, the Company anticipates that adequate funds will be provided by the U.S. Government to ensure that the programs are completed. However, the Company's experience indicates that programs and/or product sales can be delayed or canceled due to variations associated with periodic U.S. Government appropriations cycles and shifting priorities.

Negotiations on U.S. Government contracts are sometimes based in part on Certificates of Current Costs. An inaccuracy in such certificates may entitle the government to an appropriate recovery. The Company's accounts with respect to these contracts are subject to audit by the Defense Contract Audit Agency ("DCAA"). The Company's last full incurred cost audit was performed in 2008. The Company is required to submit for subsequent review an incurred cost report by October 31, for each year then ended. All such required reports have been filed with no adverse comments to date.

FEI has a DCAA audited and approved accounting system, which enables the Company to enter into contracts directly with U.S. Government agencies that require government certified accounting systems.

Government end-use contracts are subject to termination by the purchaser for convenience or default, as well as various other Federal Acquisition Regulations ("FAR") provisions. In the event of a termination for convenience, the Company is entitled to receive compensation as provided under the specific terms of such contracts. There were no end-use contracts terminated for the year ended April 30, 2021.

FEI-ZYFER SEGMENT:

FEI-Zyfer designs, develops and manufactures products which provide Precision Navigation and Timing (PNT), primarily incorporating Global Navigation Satellite System(s) technology. FEI-Zyfer's products make use of both "in-the-clear" civil and "crypto-secured" military signals for GPS. FEI-Zyfer's products are integrated into radar systems, airborne SIGINT/COMINT platforms, information networks, test equipment, military command and control terminals, and satellite ground stations. FEI-Zyfer's products are an important extension of FEI's core product line, specifically in secure PNT for Command, Control, Communications, Computers, Combat Systems, Intelligence, Surveillance, and Reconnaissance (C5ISR). Recently identified threats to the communication capabilities of U.S. Government and to the public and enterprise networks through jamming, multi-path or "spoofing" GPS signals may be mitigated by FEI-Zyfer's technologies and products. High precision, ruggedized clocks combined with specialized software are essential for the security of government communication and systems. More than 91% of FEI-Zyfer's revenues are derived from sales where the end user is the U.S. Government.

BACKLOG

As of April 30, 2021, the Company's consolidated backlog amounted to approximately $40 million compared to approximately $36 million at the end of the prior fiscal year. Approximately 81% of the current backlog is expected to be filled during the Company's fiscal year ending April 30, 2022. As of April 30, 2021, there were no amounts included in backlog under cost-plus fixed-fee contracts that had not been funded. The Company excludes from backlog those contracts or awards for which it has not received authorization to proceed. On fixed price contracts, the Company excludes any unfunded portion. The Company expects any partially funded contracts to become fully funded over time and will add the additional funding to its backlog at that time. The backlog is subject to change for various reasons, including possible cancellation of orders, change orders, change in contract terms and other factors beyond the Company's control. Accordingly, the backlog is not necessarily indicative of the revenues or profits (losses) which may be realized when the results of such contracts are reported.

CUSTOMERS AND SUPPLIERS

The Company markets its products both directly and through independent sales representative organizations located in the U.S., Europe and Asia. Sales to non-U.S. end-users totaled approximately 3% and 4% of net revenues in fiscal years 2021 and 2020, respectively.

The Company's products are sold to both commercial and governmental customers. For the years ended April 30, 2021 and 2020, approximately 91% and 83%, respectively, of the Company's sales were made under contracts to the U.S. Government or subcontracts for U.S. Government end-use.

During fiscal year 2021, Northrop Grumman Company ("Northrop Grumman") and Lockheed Martin Corporation ("Lockheed Martin") each accounted for more than 10% of the Company's consolidated revenues.

During fiscal year 2020, Lockheed Martin, Northrop Grumman, BAE Systems and L3Harris Technologies, Inc. each accounted for more than 10% of the Company's consolidated revenues.

The loss by the Company of any one of these customers could have a material adverse effect on the Company's business. The Company believes its relationship with these companies is mutually satisfactory. Additionally, the Company is not aware of any prospect for the cancellation or significant reduction of any of its commercial or existing U.S. Government contracts.

The Company purchases a variety of electrical and other components and materials for use in the manufacture of its products. The Company is not dependent upon any one supplier or source of supply for any of its materials and maintains alternative sources of supply for all of its purchases. The Company has found its suppliers generally reliable and price-competitive.

RESEARCH AND DEVELOPMENT

The Company's technological leadership continues to be an essential factor as it pursues future growth in revenues and earnings. The Company has focused its internal R&D efforts on improving the core physics and electronic performance in its time and frequency products, conducting research to develop new time and frequency technologies and capabilities, improving product manufacturability by seeking to reduce its production costs through product redesign and process improvements and other measures to take advantage of lower cost components.

The Company continues to focus a significant portion of its own resources and efforts on developing hardware for satellite (commercial and U.S. Government) and terrestrial commercial communications systems, including wireless and GPS-related systems. During fiscal years 2021 and 2020, the Company expended $4.7 million and $5.1 million of its own funds, respectively, on such R&D activity. See Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations. Additionally, the Company receives customer funding for specific R&D projects and anticipates additional funding from customers for future R&D initiatives. During fiscal years 2021 and 2020, some of the Company's development resources were applied to the design-stage of fixed-price satellite payload sub-system programs. For fiscal year 2022, the resources to be allocated to R&D will depend on market conditions and identification of new opportunities, as was the case in fiscal 2021.

PATENTS AND LICENSES

The Company believes that its business is generally not dependent on patent or license protection. Rather, it is primarily dependent upon the Company's technical competence, the quality of its products and its prompt and responsible contract performance. However, employees working for the Company assign all rights to inventions to the Company, and the Company presently holds such patents and licenses. In certain limited circumstances, the U.S. Government may use or permit the use by the Company's competitors of certain patents or licenses the government has funded. During fiscal year 2003, the Company received a broad and significant patent for proprietary quartz oscillator technology which the Company has incorporated into its legacy designs, and which it will incorporate into future designs, to exploit in both legacy and new applications. In 2006, the Company obtained a basic patent for its low g-sensitivity technology which management believes will permit greatly enhanced performance of devices on moving platforms and under externally imposed shock or vibration. The Company's current patents run through 2026.

COMPETITION

The Company experiences competition in all areas of its business. Many of the Company's competitors are larger, have greater financial resources and have larger R&D and marketing staffs. The Company has a strong history of competing successfully in this environment due to the quality, reliability and outstanding record of performance its products have achieved. The Company competes primarily on the basis of the accuracy, performance and reliability of its products, the ability of its products to function under severe conditions, such as in space or in other extremely hostile environments, and the Company's track record of prompt and responsive contract performance and technical competence. The Company has unique and broad capabilities which include quartz, rubidium and cesium-based timing references and specialized RF microwave technology. With respect to very high precision products, the Company encounters fewer competitors than it does for lower precision products for which there are a significant number of suppliers.

The Company's principal competition for space products is the in-house capability of its major customers such as the Boeing Company, Northrop Grumman and Lockheed Martin, as well as a number of other firms capable of providing high-reliability microwave frequency generators. With respect to non-space products, such as systems for precision time for terrestrial secure communication and command and control, and products for multiple applications in the EW market, the Company competes with larger domestic companies such as Microchip Technology Inc. and Mercury Systems.

The Company has previously outsourced certain manufacturing processes to third parties and to Russia-based Morion, in which the Company is a minority shareholder. The Company believes its ability to obtain raw materials, manufacture finished products, integrate them into systems and sub-systems and interface these systems with highly sophisticated end-user applications provides a strong competitive edge.

EMPLOYEES

Due to the specialized nature of our business, our performance depends on identifying, attracting, developing, motivating, and retaining a highly skilled workforce in multiple areas, including engineering, science, manufacturing, information technology, cybersecurity and business development. The Company develops its workforce using a fair recruiting process to select talented individuals that include competitive compensation and benefits.

The Company currently employs approximately 240 employees worldwide. No employees are represented by labor unions. Relationships with employees are favorable as reflected in high retention rates and increasing average length of service. Due to low turnover of employees, the average age of the workforce is increasing with time. Depending on growth in total employment and the average age of newly hired employees, replacement of key technical staff may be an issue in the future due to increased retirement.

Employee health and safety is a top priority. The Company has provided all employees with detailed health and safety literature on COVID-19 and had implemented work from home policies at all locations for a period of time at the beginning of the pandemic for positions that were conducive to work from home in order to minimalize the manufacturing staff that remained in the buildings. The Company has since reverted to almost normal operations.

OTHER ASPECTS

The Company's business is not seasonal although it expects to experience some fluctuation in revenues during the second fiscal quarter as a result of summer holiday periods.

INFORMATION ABOUT OUR EXECUTIVE OFFICERS

The executive officers hold office until the annual meeting of the Board of Directors following the annual meeting of stockholders, subject to earlier removal by the Board of Directors.

The names of all executive officers of the Company and all positions and offices with the Company which they presently hold are as follows:

Stanton D. Sloane	-	President and Chief Executive Officer
Oleandro Mancini	-	Senior Vice President, Business Development
Steven Strang	-	President, FEI-Zyfer
Thomas McClelland	-	Senior Vice President and Chief Scientist
Adrian Lalicata	-	Vice President, RF & Microwave Systems
Steven L. Bernstein	-	Chief Financial Officer and Secretary and Treasurer

Stanton D. Sloane, age 70, has served as a Director of the Company since August 2016. On May 1, 2018, Dr. Sloane was named President and Chief Executive Officer of the Company. Prior to being named President and Chief Executive Officer, Dr. Sloane had served as the Chief Operating Officer of the Company since September 2017. Dr. Sloane was President and Chief Executive Officer of Comtech Telecommunications Corp. (Nasdaq: CMTL) from January 2015 until September 2016 and a director of Comtech from January 2012 until September 2016. Prior to joining Comtech, Dr. Sloane was President and Chief Executive Officer and a Director of Decision Sciences International Corporation, a privately-held advanced security and detection systems company, from August 2011 through January 2015. Prior to that, he served as President and Chief Executive Officer and a Director of SRA International, Inc. ("SRA"), an information solutions company. He served as President and Chief Executive Officer of SRA from April 2007 through July 2011, during which time he helped lead the sale of SRA to a private equity firm. Prior to joining SRA, he was Executive Vice President of Lockheed Martin's Integrated Systems & Solutions from June 2004 until April 2007. He began his business career with General Electric Aerospace in 1984 and progressed through engineering, program management, and business development assignments in a variety of General Electric Aerospace and subsequently Lockheed Martin businesses. He also served as an officer in the U.S. Navy from 1976 until 1981. Dr. Sloane holds a bachelor's degree in Professional Studies (Aeronautics) from Barry University, a master's degree in Human Resources Management from Pepperdine University, and a Doctor of Management degree from the Weatherhead Business School at Case Western Reserve University.

Oleandro Mancini, age 72, joined the Company in August 2000 as Vice President, Business Development and was promoted to Senior Vice President in 2010. Prior to joining the Company, Mr. Mancini served from 1998 to 2000 as Vice President, Sales and Marketing at Satellite Transmission Systems, Inc. and from 1995 to 1998 as Vice President, Business Development at Cardion, Inc., a Siemens A.G. company. From 1987 to 1995, he held the position of Vice President, Engineering at Cardion, Inc.

Steven Strang, age 57, was named President of FEI-Zyfer, Inc., effective May 1, 2005. Previously, Mr. Strang was Executive Vice President of this subsidiary and its predecessor companies where he has served for 21 years in various technical and management positions.

Thomas McClelland, age 66, joined the Company as an engineer in 1984 and was elected Vice President, Commercial Products in March 1999. In fiscal year 2011, Mr. McClelland's title was modified to Vice President Advanced Development to describe his expanded role in the Company. In January 2020 Mr. McClelland's title was modified to Senior Vice President and Chief Scientist.

Adrian Lalicata, age 74, joined the Company in 2006 as Vice President, RF & Microwave Systems. Prior to joining the Company, Mr. Lalicata served as Vice President of Engineering at Herley-CTI and Communication Techniques, a Dover Company. Mr. Lalicata has also served as Director of Engineering at Microphase Corp. and Adcomm, Inc. He also held leading engineering positions at Loral Electronic Systems, Cardion Electronics, and Airborne Instruments Laboratories.

Steven L. Bernstein, age 56, joined the Company in April 2010 as its Controller and was appointed to the position of Chief Financial Officer in April 2016. Effective January 1, 2019, Mr. Bernstein was also appointed as Secretary and Treasurer of the Company, in addition to his role as Chief Financial Officer. Prior to joining the Company, Mr. Bernstein worked in the North America accounting group of Arrow Electronics, a Fortune 500 electronics distributor.

Item 1A. Risk Factors

This item is not required for smaller reporting companies.

Item 1B. Unresolved Staff Comments

Not Applicable.

Item 2. Properties

The Company operates out of several facilities located around the world. Each facility is used for manufacturing its products and for administrative activities. The following table presents the location, size and terms of ownership/occupation:

Location	**Size (sq. ft.)**	**Own or Lease**
Mitchel Field, NY	93,000	Lease
Garden Grove, CA	27,850	Lease
Northvale, NJ	9,982	Lease

The Company's facility located in Mitchel Field, Long Island, New York, is part of the building that the Company constructed in 1981 and expanded in 1988 on land leased from Nassau County. In January 1998, the Company sold this building and the related land lease to Reckson Associates Realty Corp. ("Reckson"), leasing back the space that it presently occupies.

The Company leases its manufacturing and office space from RA 55 CLB LLC (as successor-in-interest to Reckson). The lease expires on September 30, 2029. Pursuant to the lease agreement, the Company pays a gradually increasing annual rent of $1,046,810 in 2019 to $1,276,056 in 2029. The Company believes the leased space is adequate to meet the Company's domestic operational needs which encompass the principal operations of the FEI-NY segment and also serves as the Company's corporate headquarters.

The Garden Grove, California facility is leased by the Company's subsidiary, FEI-Zyfer. The facility consists of a combination office and manufacturing space. The Company has signed a second amendment to the lease, which extended the lease an additional 88 months, beginning October 1, 2017 and expiring January 31, 2025. The average annual rent over the period of the amendment is approximately $312,000. The Company believes the leased space is adequate to meet FEI-Zyfer's operational needs.

FEI-Elcom entered into a new lease agreement on December 16, 2020 regarding its Northvale, New Jersey facility. The facility consists of a combination office and manufacturing space. The Company has signed a second amendment to the lease, which extended the lease an additional 12 months beginning February 1, 2021 and expiring January 31, 2022. The lease, as amended, requires monthly payments of $10,806. The Company believes the leased space is adequate to meet FEI-Elcom's operational needs.

Item 3. Legal Proceedings

On January 28, 2020, Martin B. Bloch, the former Chief Scientist of the Company and a former member of the Company's Board, filed a complaint against the Company and Jonathan Brolin, Lance W. Lord, Russell M. Sarachek, Richard Schwartz and Stanton D. Sloane, each in their capacity as members of the Board (collectively, the "Director Defendants"), in the Supreme Court of the State of New York, County of Nassau (*Bloch v. Frequency Electronics, Inc., et al.*, Index No. 601369/2020 (N.Y. Sup. Ct. filed Jan. 28, 2020)). Mr. Bloch sought compensatory damages and costs and attorney's fees, among other things, based on allegations that he was wrongfully terminated "for cause" pursuant to his employment agreement, dated March 17, 2008 and that the Company and the Director Defendants discriminated against him based on his age. Mr. Bloch originally also sought a declaratory judgment and asserted claims for defamation and a derivative claim, purportedly on behalf of the Company alleging that the Director Defendants breached their fiduciary duty in rendering their decision to terminate Mr. Bloch's employment with the Company. However, Mr. Bloch withdrew these claims from a subsequently filed amended complaint after the Company and the Director Defendants moved to dismiss them. On June 11, 2020, the Company and the Director Defendants filed their answer to the amended complaint. Mr. Bloch filed a motion for summary judgment on June 23, 2020. Mr. Bloch's motion sought an order that the Company was liable for breach of his employment agreement because he purportedly resigned from the Company before he was terminated. On July 10, 2020, the Company and the Director Defendants opposed Mr. Bloch's motion and also filed a motion for summary judgment seeking the dismissal of all claims in Mr. Bloch's amended complaint. On September 23, 2020, the Court denied Mr. Bloch's motion for summary judgment. It also granted the Company and the Director Defendants' motion for summary judgment as to all claims, except for one claim for breach of contract against the Company. On October 23, 2020, the Company filed a brief with the Appellate Division, Second Department, seeking a reversal of the lower court's order to the extent that it denied the Company's summary judgment motion on the breach of contract claim. Mr. Bloch filed its responsive brief on November 20, 2020. The appeal is currently pending. The Company believes that the Board was justified in its decision to terminate Mr. Bloch "for cause" and that Mr. Bloch's single surviving claim is entirely without merit. The Company intends to vigorously defend against all of Mr. Bloch's allegations. At this time, the Company does not have sufficient information to determine whether liability, if any, arising out of these matters is probable or the possible loss, if any, that could result from an unfavorable outcome arising out of these matters.

In addition, Mr. Bloch has initiated two arbitration proceedings under the AAA Rules (*Bloch v. Frequency Electronics, Inc., the Compensation Committee of the Board of Directors of Frequency Electronics, Inc., and the Deferred Compensation Plan Agreement Dated March 7, 2008*). One arbitration purports to be brought under a deferred compensation agreement dated March 27, 1980 and the other under a second amended and restated deferred compensation agreement, dated March 7, 2008. Bloch submitted his Statement of Claim in one arbitration on May 4, 2020, and in the other arbitration on May 6, 2020. In each proceeding, Mr. Bloch claims that defendants violated ERISA rules by denying him deferred compensation benefits. He seeks an award for allegedly past due deferred compensation benefits plus interest, clarification as to his future rights to deferred compensation benefits, and attorneys' fees and costs.

On June 2, 2020, the Company filed a petition for a stay of arbitration and related declaratory relief against Mr. Bloch, in the Supreme Court of the State of New York, New York County (*Frequency Electronics, Inc. v. Martin B. Bloch*, Index No. 652191/2020 (N.Y. Sup. Ct. filed June 2, 2020)). The Company claims that Mr. Bloch may not arbitrate his claims for deferred compensation because he did not timely appeal the Company's denial of those claims, and because he failed to comply with the arbitration procedures in the applicable deferred compensation agreement. Mr. Bloch filed a motion on June 16, 2020 seeking a change of venue to the County of Nassau, which the Company opposed on July 7, 2020. The Court granted Mr. Bloch's motion on September 8, 2020. The case was therefore transferred to the County of Nassau, and assigned to the same Judge hearing the other cases between the parties (Frequency Electronics, Inc. v. Martin B. Bloch, Index No. 611405/2020). In its order dated February 10, 2021 and entered on February 16, 2021, the Court denied the Company's petition for a stay of arbitration and ordered the parties to proceed to arbitration. The Company appealed the court's denial of its petition to stay arbitration on May 7, 2021. The appeal is currently pending. At this time, the Company does not have sufficient information to determine the likelihood of success of this appeal.

On June 5, 2020, Mr. Bloch filed a petition against the Company, the Compensation Committee of the Company's Board of Directors, and the Deferred Compensation Plan Agreement Dated March 7, 2008, as amended ("Respondents"), for the appointment of an arbitrator in one of the arbitration proceedings that Mr. Bloch initiated. The petition was filed in the Supreme Court of the State of New York, County of Nassau *(Bloch v. Frequency Electronics, Inc. et al.,* Index No. 605380/2020 (N.Y. Sup. Ct. filed June 5, 2020)). On June 22, 2020, Respondents moved to dismiss Mr. Bloch's petition, and he opposed the motion on July 2, 2020. In its orders dated February 10, 2021 and entered on February 16, 2021, the Court granted Mr. Bloch's petition for the appointment of an arbitrator, denied the Company's motion to dismiss that petition, and denied a motion previously filed by the Company for an interim stay of arbitration. On May 11, 2021, Respondents appealed the Court's decision granting Mr. Bloch's petition for the appointment of an arbitrator and denying Respondents' motion to dismiss that petition. The appeal is currently pending. Respondents dispute all of Bloch's claims and intend to continue to vigorously defend the Company in the appeal. The likelihood of any outcome of this appeal cannot be determined at this time.

The arbitration panel in the arbitrations initiated by Mr. Bloch was constituted in March 2021. The same panel serves in both arbitrations. On May 6, 2021, Respondents submitted a motion to dismiss the arbitrations on the grounds that Mr. Bloch's claims are not arbitrable. The motion is fully briefed. The Panel heard oral argument on the motion on June 22, 2021, but has not yet ruled on it. Respondents dispute Mr. Bloch's claims and intend to defend the arbitrations vigorously. The likelihood of any outcome of these arbitration proceedings cannot be determined at this time.

Item 4. Mine Safety Disclosures

Not applicable.

PART II

Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

The common stock of the Company is listed on The Nasdaq Global Market ("NASDAQ") under the ticker symbol "FEIM." As of June 23, 2021, the approximate number of holders of record of common stock was 460.

DIVIDEND POLICY

No dividends were declared or paid during fiscal years 2021 and 2020. The Company currently intends to retain any future earnings for use in the business. Any future determinations as to the declaration of dividends on our common stock will be made at the discretion of the Board of Directors and will depend on our earnings, operating and financial conditions, capital requirements and other factors deemed relevant by the Board of Directors.

STOCK BUYBACK PROGRAM

In March 2005, the Company's Board of Directors authorized a stock repurchase program for up to $5 million of the Company's outstanding common stock. This program does not have an expiration date. Shares may be purchased in open market purchases, private transactions or otherwise at such times and from time to time, and at such prices and in such amounts as the Company believes appropriate and in the best interests of its shareholders. The timing and volume of repurchases will vary depending on market conditions and other factors. Purchases may be commenced or suspended at any time without notice. The Company has acquired approximately $4 million of its common stock out of the total authorization of $5 million. The Company did not make any purchases of stock for the treasury during fiscal years 2021 or 2020.

Item 6. Selected Financial Data

Not Applicable.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995:

The statements in this Annual Report on Form 10-K regarding future earnings and operations and other statements relating to the future constitute "forward-looking" statements pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements inherently involve risks and uncertainties that could cause actual results to differ materially from the forward-looking statements. Factors that would cause or contribute to such differences include, but are not limited to, the risks associated with health epidemics and pandemics, including the COVID-19 pandemic and similar outbreaks, such as their impact on our financial condition and results of operations and on our ability to continue manufacturing and distributing our products, and the impact of health epidemics and pandemics on general economic conditions, including any resulting recession, our inability to integrate operations and personnel, actions by significant customers or competitors, general domestic and international economic conditions, reliance on key customers, continued acceptance of the Company's products in the marketplace, competitive factors, new products and technological changes, product prices and raw material costs, dependence upon third-party vendors, competitive developments, changes in manufacturing and transportation costs, the availability of capital, and the outcome of any litigation and arbitration proceedings, including litigation involving the Company's former Chief Scientist and member of the Board of Directors. The factors listed above are not exhaustive. Other sections of this Form 10-K include additional factors that could materially and adversely impact the Company's business, financial condition and results of operations. Moreover, the Company operates in a very competitive and rapidly changing environment. New factors emerge from time to time and it is not possible for management to predict the impact of all these factors on the Company's business, financial condition or results of operations or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements. Given these risks and uncertainties, investors should not rely on forward-looking statements as a prediction of actual results. Any or all of the forward-looking statements contained in this Form 10-K and any other public statement made by the Company or its management may turn out to be incorrect. The Company expressly disclaims any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

Critical Accounting Policies and Estimates

The Company's significant accounting policies are described in Note 1 to the Consolidated Financial Statements. The Company believes its most critical accounting policies to be the recognition of revenue and costs on production contracts, income taxes and the valuation of inventory. Each of these areas requires the Company to make use of reasonable estimates, including estimating the cost to complete a contract, the realizable value of its inventory or the market value of its products. Changes in estimates can have a material impact on the Company's financial position and results of operations.

Revenue Recognition

Revenue is recognized when a performance obligation is satisfied, which is when the expected goods or services are transferred to the customer, in an amount that reflects the consideration to which the Company expects to receive. A performance obligation is a distinct product or service that is transferred to the customer based on the contract. The transaction price is allocated to each performance obligation and is recognized as revenue upon satisfaction of that performance obligation. The Company derives revenue from contracts with the government, government prime contractors and commercial companies by units sold with specific contractual performance requirements, in many cases unique to the specific customer and/or application. The Company's contracts typically include one performance obligation which is satisfied by shipped projects and completed services/reports required in the contract. Control over these performance obligations passes to the customer over time and therefore these revenues are reported in operating results over time using the cost-to-cost method. Under this method, revenue is recorded based upon the ratio that incurred costs bear to total estimated contract costs with related cost of revenues recorded as the costs are incurred. Each month management reviews estimated contract costs through a process of aggregating actual costs incurred and estimating additional costs to completion based upon the current available information and status of the contract. The effect of any change in the estimated gross margin rate ("GM Rate") for a contract is reflected in revenues in the period in which the change is known. Provisions for the full amount of anticipated losses on contracts are made in the period in which they become determinable.

For smaller contracts or orders, sales of products and services to customers are reported in operating results based upon (i) shipment of the product or (ii) performance of the services pursuant to terms of the customer order. When payment is contingent upon customer acceptance of the installed system, revenue is deferred until such acceptance is received and installation completed. The Company's products generally carry a one-year warranty, but may vary based on the contract terms.

Significant judgment is used in evaluating the financial information for certain contracts to determine an appropriate budget and estimated cost. The Company evaluates this information continuously and bases its judgments on historical experience, design specifications, and expected costs for material and labor.

Contract costs include all direct material, direct labor costs, manufacturing overhead and other direct costs related to contract performance. Selling, general and administrative costs are charged to expense as incurred.

Inventory

In accordance with industry practice, inventoried costs contain amounts relating to contracts and programs with long production cycles, a portion of which will not be realized within one year. Inventory write downs are established for slow-moving materials based on percentage of usage over a ten-year period, obsolete items on a gradual basis over five years with no usage and costs incurred on programs for which production-level orders cannot be determined as probable. Such write-downs are based upon management's experience and expectations for future business. Any changes arising from revised expectations are reflected in cost of revenues in the period the revision is made.

Income Taxes

Our income tax expense, deferred tax asset and liabilities, and liabilities for unrecognized tax benefits reflect management's best estimate of current and future taxes to be paid. Significant judgments and estimates are required in the determination of the consolidated income tax expense.

Deferred income taxes arise from temporary differences between the tax basis of assets and liabilities and their reported amounts in the financial statements, which will result in taxable or deductible amounts in the future. In evaluating our ability to recover deferred tax assets in the jurisdiction from which they arise, we consider all positive and negative evidence, including the reversal of deferred tax liabilities, projected future taxable income, tax planning strategies, and results of recent operations. As of April 30, 2021 and 2020, we have a full valuation allowance against our U.S. net deferred tax assets. If these estimates and assumptions change in the future, the Company may be required to reduce its existing valuation allowance resulting in less income tax expense. The Company evaluates the likelihood of realizing its deferred tax assets quarterly.

Tax benefits are recognized for an uncertain tax position when, in the Company's judgment, it is more likely than not that the position will be sustained upon examination by a taxing authority. For a tax position that meets the more-likely-than-not recognition threshold, the tax benefit is measured as the largest amount that is judged to have a greater than 50% likelihood of being realized upon ultimate settlement with a taxing authority. The liability associated with unrecognized tax benefits is adjusted periodically due to changing circumstances and when new information becomes available. Such adjustments are recognized entirely in the period in which they are identified. The effective tax rate includes the net impact of changes in the liability for unrecognized tax benefits and subsequent adjustments as considered appropriate by the Company. While it is often difficult to predict the final outcome or the timing of resolution of any particular tax matter, the Company believes its liability for unrecognized tax benefits is adequate. Interest and penalties recognized on income taxes are recorded as income tax expense.

COVID-19 Pandemic Update

On January 30, 2020, the World Health Organization ("WHO") announced a global health emergency because of a new strain of coronavirus originating in Wuhan, China (the "COVID-19 pandemic") and the risks to the international community as the virus spread globally beyond its point of origin. In March 2020, the WHO classified the COVID-19 pandemic as a pandemic, based on the rapid increase in exposure globally.

The Company's priority during the COVID-19 pandemic has been to protect the health and safety of its employees while remaining operational. Within the limitations imposed by governmental health and safety procedures, the Company has continued to manufacture its full range of products at its facilities. The Company has educated employees about COVID-19 symptoms and hygiene best practices. The Company's policies also include taking an employee's temperature before entering facilities; mandating handwashing and use of hand sanitizer; requiring social distancing and, requiring face coverings; encouraging, and in some cases, requiring remote work for those employees who can work from home; and disinfecting facilities.

As of June 30, 2021, the Company was aware of fifteen employees that have had confirmed cases of COVID-19 since the COVID-19 pandemic began, with one fatality. Additional employees have been absent or self-quarantined due to possible COVID exposure, although not having tested positive. Since the COVID-19 pandemic began, facilities have remained open except for needing to temporarily vacate certain areas for cleaning and disinfecting following employees either testing positive for COVID or because they had been exposed or possibly exposed to third parties who were positive. Certain Company vendors have been unable to deliver materials on time due to COVID-19 related impacts to their workforces or their supply chains. These delays have impacted the Company's production schedules, and increased costs associated with procurement of materials and services. The Company continues to monitor these and its other vendors and, if necessary, seek alternative suppliers. The Company also believes the pandemic has impacted customers, resulting in delays with respect to anticipated new orders.

The full impact of the COVID-19 pandemic continues to evolve as of the date of this report. As such, it is uncertain as to the full magnitude that the pandemic may ultimately have on the Company's financial condition, liquidity, and future financial results. Management is actively monitoring the impact of the global situation on its financial condition, liquidity, operations, suppliers, industry, and workforce. Given the changing dynamics of the pandemic and the global responses to curb its spread, including the progress on vaccine distribution, the Company is not able to estimate any future effects of the COVID-19 pandemic on its future results of operations, financial condition, or liquidity.

On March 27, 2020, President Trump signed into law the "Coronavirus Aid, Relief, and Economic Security (CARES) Act." The CARES Act, among other things, includes provisions relating to refundable payroll tax credits, deferment of employer side social security payments, net operating loss carryback periods, alternative minimum tax credit refunds, modifications to the net interest deduction limitations, increased limitations on qualified charitable contributions, and technical corrections to tax depreciation methods for qualified improvement property. The CARES Act also appropriated funds for the Small Business Administration (SBA) Paycheck Protection Program loans that are forgivable in certain situations to promote continued employment, as well as Economic Injury Disaster Loans to provide liquidity to small businesses harmed by the COVID-19 pandemic. The Company received a loan under the Paycheck Protection Program in April 2020, which it repaid in full in May 2020. For more detail regarding the Company's PPP Loan, see Note 8 in Part II, Item VIII of this Annual Report on Form 10-K.

RESULTS OF OPERATIONS

Consolidated Results

The table below sets forth for the fiscal years ended April 30, 2021 and 2020, the percentage of consolidated net sales represented by certain items in the Company's consolidated statements of operations:

	Fiscal Years Ended April 30, 2021	Fiscal Years Ended April 30, 2020
Revenues		
FEI-NY	78.2%	76.5%
FEI-Zyfer	25.5	26.3
Less intersegment revenues	(3.7)	(2.8)
	100.0	100.0
Cost of revenues	68.8	86.1
Gross margin	31.2	13.9
Selling and administrative expenses	24.3	27.9
Research and development expenses	8.7	12.3
Operating loss	(1.8)	(26.3)
Other income (loss), net	2.6	(2.0)
Benefit from income taxes	(0.4)	(4.2)
Net income (loss)	1.2%	(24.1%)

Revenues

Segment	2021	2020	Change	
	Fiscal Years Ended April 30, (in thousands)			
FEI-NY	$ 42,400	$ 31,751	$ 10,649	33.5%
FEI-Zyfer	13,835	10,914	2,921	26.8
Intersegment revenues	(1,981)	(1,158)	(823)	71.1
	$ 54,254	$ 41,507	$ 12,747	30.7%

Fiscal 2021 revenues from satellite programs, one of the Company's largest business areas, increased by $6.6 million, or 32%, compared to the prior fiscal year. Satellite program revenues for government end-use were 42% and 41% of total revenues for fiscal years 2021 and 2020, respectively. Satellite program revenues for commercial end-use were 7% and 9% of total revenue for Fiscal 2021 and Fiscal 2020, respectively. Revenues on satellite program contracts are recorded in the FEI-NY segment and are recognized primarily under the Percentage-of-Completion ("POC") method. Revenues from non-space U.S. Government/DOD customers increased by approximately $7.8 million, or 46%, in Fiscal 2021 compared to Fiscal 2020. These revenues are recorded in both the FEI-NY and FEI-Zyfer segments and accounted for approximately 46% and 41% of consolidated revenues for fiscal years 2021 and 2020, respectively. For the year ended April 30, 2021, other commercial and industrial sales accounted for approximately 5% of total revenues compared to approximately 10% for fiscal year 2020. Sales in this business area were $2.5 million for the year ended April 30, 2021 compared to $4.2 million for the preceding year.

Gross Profit

	2021	2020	Change	
	Fiscal Years Ended April 30, (in thousands)			
	$ 16,921	$ 5,748	$ 11,173	NM
Gross Profit Percentage	31.2%	13.9%		

For the fiscal year ended April 30, 2021, the gross profit and gross profit percentage both increased compared to the prior fiscal year. The higher gross profit and gross profit percentage increased significantly as compared to the same periods in fiscal year 2020. The increase in gross profit and gross profit percentage was due to several programs identified in prior periods that incurred higher engineering costs associated with solving technical issues while the programs were in their development phase, prior to manufacturing and which have now been completed or are near completion.

Selling and Administrative Expenses

Fiscal Years Ended April 30, (in thousands)						
2021		2020		Change		
$	13,189	$	11,593	$	1,596	13.8%

In fiscal years ended April 30, 2021 and 2020, selling and administrative expenses ("SG&A") were 24% and 28%, respectively, of consolidated revenues. Stock compensation expenses, which are included in total SG&A, were $160,000 and $144,000 in Fiscal 2021 and Fiscal 2020, respectively. The increase in SG&A expenses was mainly due to increase in professional fees (relating to litigation for which the Company has received insurance reimbursement for a portion of such legal fees), deferred compensation and insurance expense.

Research and Development Expenses

Fiscal Years Ended April 30, (in thousands)						
2021		2020		Change		
$	4,690	$	5,077	$	(387)	(7.6%)

As a percentage of consolidated revenue, R&D expense for the years ended April 30, 2021 and 2020 was approximately 9% and 12%, respectively. The approximately $0.4 million decrease in R&D expense year over year was due to the fact that previous R&D efforts have ended and turned into production; however, the Company plans to continue to invest in R&D to keep its products at the state of the art.

The funds received in connection with customer funded R&D appears in revenues and the associated expenses are included in cost of revenues and are not included in the table above. Although funding is obtained from customers, the Company retains the rights to any products developed. The Company believes that internally generated cash and cash reserves are adequate to fund its R&D activity.

Operating Loss

Fiscal Years Ended April 30, (in thousands)						
2021		2020		Change		
$	(958)	$	(10,922)	$	9,964	(91.2%)

For the fiscal year ended April 30, 2021, the Company recorded an operating loss of $1.0 million compared to an operating loss of $10.9 million in the prior year. The decrease in the operating loss in the fiscal year ended April 30, 2021 reflects improvement in revenues, gross profit and gross profit percentage.

Other Income (Expense), net

	Fiscal Years Ended April 30, (in thousands)						
	2021		2020		Change		
Investment income	$	458	$	329	$	129	39.2%
Interest expense		(127)		(107)		(20)	18.7%
Other income (expense), net		1,103		(1,068)		2,171	NM
	$	1,434	$	(846)	$	2,280	NM

Investment income is derived primarily from the Company's holdings of marketable securities, which primarily consist of fixed income securities. Earnings on securities may vary based on fluctuating interest rates, dividend payout levels, and the timing of purchases, sales, redemptions or maturities of securities. Included in other income (expenses) for the fiscal year ended April 30, 2021 was the collection of the $1 million note that was due relating to the sale of Gilliam to a European entity on April 26, 2018. For the fiscal year ended April 30, 2020 a provision related to the note receivable arising from the sale of Gillam was included in other income (expenses), which was due Fiscal 2021.

Income Tax (Benefit)

Fiscal Years Ended April 30, (in thousands)			
2021	2020	Change	
$ (204)	$ (1,742)	$ 1,538	(88.3%)

	Fiscal Years Ended April 30, (in thousands)	
	2021	2020
Effective tax rate on pre-tax book income (loss):	(42.7%)	(14.8%)

On March 27, 2020, the Coronavirus Aid, Relief, and Economic Security ("CARES") Act was enacted. Intended to provide economic relief to those impacted by the COVID-19 pandemic, the CARES Act includes provisions, among others, allowing for the carryback of net operating losses generated in tax years 2018, 2019 and 2020, refunds of alternative minimum tax credits, temporary modifications to the limitations placed on the tax deductibility of net interest expense, and technical corrections so that qualified improvement property can be immediately expensed under Internal Revenue Code ("IRC") Section 168(k) and net operating losses arising in tax years beginning in 2017 and ending in 2018 can be carried back two years and forward twenty years.

For the fiscal year ended April 30, 2021, the Company recorded an income tax benefit of $(204,000) primarily due to a reduction in the uncertain tax position liability in connection with the expiration of the statute of limitations. The Company recorded an income tax benefit of $(1,742,000) in the fiscal year ended April 30, 2020 primarily due to the enactment of the CARES Act, which allows for the carryback of net operating losses to prior tax years in which the Company was subject to U.S. federal income tax.

The Company's effective tax rate of (42.7)% for Fiscal 2021 differs from the U.S. federal statutory rate of 21% primarily due to the tax effects related to (i) recognition of previously unrecognized tax benefits, (ii) state and local taxes, (iii) and a change in the valuation allowance. (See Note 12 to the Consolidated Financial Statements for a reconciliation of the actual tax benefit to the expected tax provision at the federal statutory rate.)

As of April 30, 2021, the Company has U.S. federal net operating losses of $24.3 million of which $16.4 million begins to expire in Fiscal 2026 through Fiscal 2038, including $3.4 million which is subject to annual limitation under IRC Section 382. The remaining U.S. federal net operating losses of $7.9 million have an indefinite carry-forward period. The U.S. federal capital loss carry-forward of $10.0 million expires in Fiscal 2023. U.S. federal R&D credits of $0.7 million begin to expire in Fiscal 2036 through Fiscal 2040. The Company also has state net operating loss carryforwards, and state tax credits that expire in various years and amounts.

LIQUIDITY AND CAPITAL RESOURCES

Net cash provided by operations was $12.2 million in fiscal year 2021 compared to cash used in operations of $1.4 million in fiscal year 2020. The Company's balance sheet continues to reflect a highly liquid position with working capital of $40.6 million at April 30, 2021 as compared to $37.5 million at April 30, 2020. Included in working capital at April 30, 2021 was $20.1 million consisting of cash, cash equivalents and short-term investments. The Company's current ratio at April 30, 2021 was 6.0 to 1 compared to 3.7 to 1 at the end of the prior fiscal year.

During fiscal years 2021 and 2020, the Company incurred $4.7 million and $6.4 million, respectively, in non-cash charges to earnings, including adjustments relating to net assets and liabilities for operating leases, loss provision accrual, provision for a note receivable, depreciation and amortization expense, inventory adjustments, warranty and accounts receivable reserves and certain employee benefit plan expenses, including accounting for stock-based compensation. During fiscal year 2021, operating cash was increased by decreases in costs and estimated earnings in excess of billings and inventory. During fiscal year 2020, operating cash was decreased by increases in costs and estimated earnings in excess of billings, offset by decreases in accounts receivable, prepaids, and inventory.

Net cash used in investing activities for the fiscal year ended April 30, 2021 was $1.2 million compared to $3.4 million used in investing activities for the fiscal year ended April 30, 2020. In fiscal year 2021, investing activities included the proceeds related to sales of marketable securities net of the purchases of marketable securities of $46,000 and purchases of capital expenditures of $1.2 million. In fiscal year 2020, investing activities included the purchase of marketable securities net of proceeds related to sales of marketable securities of $1.9 million and purchases of capital expenditures of $1.5 million. The Company may continue to invest cash equivalents as dictated by its investment and acquisition strategies.

Cash used in financing activities for the fiscal year ended April 30, 2021 was $5.0 million related to the repayment in full of a loan acquired from JPMorgan Chase Bank, N.A. as the lender, pursuant to the Small Business Administration Paycheck Protection Program under the CARES Act. Cash provided by financing activities for the fiscal year ended April 30, 2020 was $5.0 million related to the loan acquired from JPMorgan Chase Bank, N.A. As of April 30, 2021, the Company had available credit at variable terms based on its securities holdings under an advisory arrangement, under which no borrowings have been made.

The Company will continue to expend resources to develop, improve and acquire products for space and other applications, which management believes will result in future growth and profitability. During fiscal year 2021, the Company secured partial customer funding for a portion of its R&D efforts. The customer funds received in connection therewith appear in revenues and are not included in R&D expenses. For fiscal year 2022, the Company anticipates securing additional customer funding for a portion of its R&D activities and will allocate internal funds depending on market conditions and identification of new opportunities as in fiscal 2021. The Company expects internally generated cash will be adequate to fund these R&D efforts. The Company may also pursue acquisitions to expand its range of products and may use internally generated cash and external funding in connection with such acquisitions.

As of April 30, 2021, the Company had an accumulated deficit of $11.5 million. The Company believes that its cash and cash equivalents, as well as marketable securities as of April 30, 2021 and cash flows from operations will provide sufficient liquidity to meet its operating needs in the normal course of business through the next twelve months from the date of issuance of these consolidated financial statements.

Off-Balance Sheet Arrangements

The Company does not have any off-balance sheet arrangements that have or are reasonably likely to have a current or future effect on the Company's financial condition, changes in financial condition, revenues or expenses, results of operations, liquidity, capital expenditures or capital resources that is material to investors.

RECENT ACCOUNTING PRONOUNCEMENTS

In January 2017, the Financial Accounting Standards Board ("FASB") issued ASU No. 2017-04, *Intangibles – Goodwill and Other (Topic 350): Simplifying the Test for Goodwill Impairment* ("ASU 2017-04"), which simplifies how an entity is required to test goodwill for impairment by eliminating Step 2 from the goodwill impairment test. Under ASU 2017-04, goodwill impairment will be tested by comparing the fair value of a reporting unit with its carrying amount, and recognizing an impairment charge for the amount by which the carrying amount exceeds the reporting unit's fair value. The new guidance must be applied on a prospective basis and is effective for periods beginning after December 15, 2022, with early adoption permitted. The Company will not be adopting ASU 2017-04 early, and is in the process of determining the effect that ASU 2017-04 may have. However, the Company expects the new standard to have an immaterial effect on its consolidated financial statements.

In June 2016, the FASB issued ASU No. 2016-13, *Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments* ("ASU 2016-13") which replaces the incurred loss impairment methodology in current U.S. GAAP with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to inform credit loss estimates. The new guidance is effective for fiscal years beginning after December 15, 2022. The Company is evaluating the effect, if any, the update will have on its consolidated financial statements when adopted in fiscal year 2023.

OTHER MATTERS

The financial information reported herein is not necessarily indicative of future operating results or of the future financial condition of the Company.

Morion

The Company has an investment in Morion, Inc. (“Morion”), a privately-held Russian company, which manufactures high precision quartz resonators and crystal oscillators. The Company has also licensed certain technology to Morion.

The Company’s investment consists of 4.6% of Morion’s outstanding shares, accordingly, the Company accounts for its investment in Morion on the cost basis. This investment of approximately $800,000 is included in other assets in the accompanying consolidated balance sheets. During the fiscal years ended April 30, 2021 and 2020, the Company acquired product from Morion in the aggregate amount of approximately $710,000 and $888,000, respectively. During the fiscal years ended April 30, 2021 and 2020, the Company sold product and training services to Morion in the aggregate amount of approximately $94,000 and $85,000, respectively, included in revenues in the consolidated statements of operations as part of the FEI-NY segment. During the fiscal years ended April 30, 2021 and 2020, the Company received dividends from Morion in the amount of approximately $105,000 and $250,000, respectively, which is included in other income, net in the consolidated statements of operations as part of the FEI-NY segment.

Morion is a less than wholly-owned subsidiary of Gazprombank, a state-owned Russian bank. The U.S. Ukraine-related sanctions regime has since 2014 included a list of sectoral sanctions identifications (“SSI”) pursuant to Executive Order 13662, which prohibits certain transactions, including certain extensions of credit, with an entity designated as an SSI or certain affiliates of an entity designated as an SSI. On July 16, 2014, after the Company’s investment in Morion, Gazprombank was designated as an SSI.

As previously disclosed, in light of Morion’s relationship with Gazprombank, in 2020, the Company evaluated, with the assistance of external legal counsel, certain sales to Morion and the timing of payments by Morion to the Company in connection with those sales to determine whether payments by Morion may have inadvertently constituted extensions of credit in violation of Directive 1 under Executive Order 13662. The Company determined that certain payments by Morion – the majority of which occurred more than five years ago – were not timely. Following the evaluation, on May 7, 2020, the Company voluntarily disclosed its findings to the Office of Foreign Assets Control (“OFAC”). The Company’s voluntary disclosure to OFAC related solely to delays in collection of accounts receivable that exceeded then-applicable payment windows set forth in sanctions regulations and did not relate to any other type of payment or transaction. On February 17, 2021, the Company received a Cautionary Letter from OFAC indicating that OFAC has completed its review of the matter. According to OFAC, the Cautionary Letter was issued instead of pursuing a civil monetary penalty or taking other enforcement action.

INFLATION

During fiscal year 2021, as in fiscal year 2020, the impact of inflation on the Company’s business was not materially significant.

Item 7A. Quantitative and Qualitative Disclosure about Market Risk

Not applicable

Item 8. Financial Statements and Supplementary Data

Report of Independent Registered Public Accounting Firm

Stockholders and Board of Directors
Frequency Electronics, Inc.
Mitchel Field, New York

Opinion on the Consolidated Financial Statements

We have audited the accompanying consolidated balance sheets of Frequency Electronics, Inc. and Subsidiaries (the "Company") as of April 30, 2021 and 2020, the related consolidated statements of operations and comprehensive income (loss), changes in stockholders' equity, and cash flows for the years then ended and the related notes (collectively referred to as the "consolidated financial statements"). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company at April 30, 2021 and 2020, and the results of its operations and its cash flows for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's consolidated financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matter

The critical audit matter communicated below is a matter that arose from the current period audit of the consolidated financial statements that was communicated or required to be communicated to the audit committee and that: (1) relates to accounts or disclosures that are material to the consolidated financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of the critical audit matter does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.

Revenue Recognized Over Time Using Percentage-of-Completion

As described in Note 1 to the consolidated financial statements, the Company generates the majority of its revenue from contracts with customers by units sold with specific specifications and frequencies that are used by a specific customer and contracts where the end user is the United States Government. Control over these performance obligations passes to the customer over time and therefore these revenues are reported in operating results over time using the cost-to-cost method. Under this method, the Company measures progress towards completion and records revenue based on the ratio of costs incurred to date to the estimated total costs.

We identified revenue recognized over time using the percentage-of-completion cost-to cost method as a critical audit matter. Given the judgment necessary to make estimates regarding the revenue and total costs associated with such contracts, specifically, the estimation of costs required to complete such contracts, auditing these estimates required extensive audit effort due to the complexity of the underlying programs and a high degree of auditor judgment when performing audit procedures and evaluating the results of those procedures.

The primary procedures we performed to address this critical audit matter included selecting a sample of contracts for testing and performing the following procedures:

- Agreeing the key terms to contract documentation and testing costs incurred to date and comparing costs incurred to date to the costs estimated to be incurred to date as of the prior year-end.
- Testing the mathematical accuracy of management's calculation of revenue recognized during the year for the performance obligation.
- Testing the accuracy and reasonableness of the Company's estimated costs to complete the selected contract by performing a retrospective review to identify changes in contract gross margin and assess the reasonableness of the explanation for such changes.
- Testing the accuracy and reasonableness of the Company's estimated costs to complete the selected contract by evaluating subsequent events activity for changes in conditions that may result in significant changes to estimated costs to complete the contracts selected for testing.
- In addition, for certain contracts evaluated management's ability to prepare and estimate the remaining costs to complete projects in process as of the balance sheet date by performing corroborating inquiries with the Company's program and business management.

/s/ BDO USA, LLP

We have served as the Company's auditor since 2020.

Melville, New York

June 30, 2021

FREQUENCY ELECTRONICS, INC. and SUBSIDIARIES
Consolidated Balance Sheets
(In thousands, except par value)

	April 30, 2021	April 30, 2020
ASSETS:		
Current assets:		
Cash and cash equivalents	$ 9,807	$ 3,808
Marketable securities	10,313	10,570
Accounts receivable, net of allowance for doubtful accounts of $111 at April 30, 2021 and $183 at April 30, 2020	5,515	4,392
Costs and estimated earnings in excess of billings, net	1,948	6,953
Inventories, net	19,661	22,958
Prepaid income taxes	444	849
Prepaid expenses and other	991	1,705
Total current assets	48,679	51,235
Property, plant and equipment, at cost, net of accumulated depreciation and amortization	9,612	11,267
Goodwill	617	617
Cash surrender value of life insurance	15,396	14,790
Other assets	1,939	2,503
Right-of-Use assets – operating leases	9,773	10,864
Total assets	**$ 86,016**	**$ 91,276**
LIABILITIES AND STOCKHOLDERS' EQUITY:		
Current liabilities:		
Accounts payable – trade	$ 1,080	$ 1,424
Accrued liabilities	5,245	4,686
Loss provision accrual	57	748
Operating lease liability, current portion	1,715	1,869
Current debt	-	4,965
Total current liabilities	8,097	13,692
Deferred compensation	14,017	13,554
Deferred taxes	8	8
Operating lease liability – non-current	8,366	9,444
Other liabilities	119	342
Total liabilities	30,607	37,040
Commitments and contingencies (Note 16)		
Stockholders' equity:		
Preferred stock - $1.00 par value; authorized 600 shares, no shares issued	-	-
Common stock - $1.00 par value; authorized 20,000 shares, 9,226 shares issued and 9,225 shares outstanding at April 30, 2021; 9,164 shares issued and 9,121 shares outstanding at April 30, 2020	9,226	9,164
Additional paid-in capital	57,355	56,914
Accumulated deficit	(11,457)	(12,137)
Common stock reacquired and held in treasury - at cost (1 share at April 30, 2021 and 43 shares at April 30, 2020)	(6)	(195)
Accumulated other comprehensive income	291	490
Total stockholders' equity	55,409	54,236
Total liabilities and stockholders' equity	**$ 86,016**	**$ 91,276**

The accompanying notes are an integral part of these consolidated financial statements.

FREQUENCY ELECTRONICS, INC. and SUBSIDIARIES
Consolidated Statements of Operations and Comprehensive Income (Loss)
(In thousands, except per share data)

	Years Ended April 30, 2021	Years Ended April 30, 2020
Consolidated Statements of Operations		
Revenues	$ 54,254	$ 41,507
Cost of revenues	37,333	35,759
Gross margin	16,921	5,748
Selling and administrative expenses	13,189	11,593
Research and development expenses	4,690	5,077
Operating loss	(958)	(10,922)
Other income (expense):		
Investment income	458	329
Interest expense	(127)	(107)
Other income (expense), net	1,103	(1,068)
Income (loss) before benefit from income taxes	476	(11,768)
Benefit from income taxes	(204)	(1,742)
Net income (loss)	$ 680	$ (10,026)
Net income (loss) per common share:		
Basic and diluted earnings (loss) per share	$ 0.07	$ (1.10)
Weighted average shares outstanding:		
Basic	9,178	9,074
Diluted	9,248	9,074
Consolidated Statements of Comprehensive Income (Loss)		
Net income (loss)	$ 680	$ (10,026)
Unrealized (loss) gain on marketable securities:		
Change in market value of marketable securities before reclassification, net of tax	(177)	443
Reclassification adjustment for realized gains included in net income, net of tax	(22)	1
Total unrealized (loss) gain on marketable securities, net of tax	(199)	444
Comprehensive income (loss)	$ 481	$ (9,582)

The accompanying notes are an integral part of these consolidated financial statements.

FREQUENCY ELECTRONICS, INC. and SUBSIDIARIES
Consolidated Statements of Cash Flows
(In thousands)

	Years Ended April 30, 2021	Years Ended April 30, 2020
Cash flows from operating activities:		
Net income (loss)	$ 680	$ (10,026)
Adjustments to reconcile net income (loss) to net cash provided by (used in) operating activities:		
Deferred income taxes	-	8
Depreciation and amortization	3,301	3,319
Non-cash lease expense	(281)	214
Provision for losses on accounts receivable, inventories, other assets and warranty reserve	(117)	1,385
(Gain) loss on marketable securities	(28)	1
Loss on sale of fixed and other assets, net	39	143
Employee benefit plans expense	1,495	1,052
Stock-based compensation expense	273	312
Changes in operating assets and liabilities:		
Accounts receivable	(752)	1,970
Costs and estimated earnings in excess of billings	5,005	(283)
Inventories	3,002	17
Prepaid expenses and other	714	878
Other assets	(584)	(518)
Accounts payable - trade	(205)	374
Accrued liabilities	765	947
Loss provision accrual	(690)	748
Income taxes refundable	405	(350)
Other liabilities	(865)	(1,598)
Net cash provided by (used in) operating activities	12,157	(1,407)
Cash flows from investing activities:		
Purchase of marketable securities	(2,452)	(5,489)
Proceeds from sale or redemption of marketable securities	2,498	3,539
Capital expenditures	(1,239)	(1,483)
Net cash used in investing activities	(1,193)	(3,433)
Cash flows from financing activities:		
(Repayment of) Proceeds from PPP loan	(4,965)	4,965
Net cash (used in) provided by financing activities	(4,965)	4,965
Net increase in cash and cash equivalents	5,999	125
Cash and cash equivalents at beginning of year	3,808	3,683
Cash and equivalents at end of year	$ 9,807	$ 3,808

The accompanying notes are an integral part of these consolidated financial statements

FREQUENCY ELECTRONICS, INC. and SUBSIDIARIES
Consolidated Statements of Cash Flows
(In thousands)
(Continued)

	Years Ended April 30, 2021	Years Ended April 30, 2020
Supplemental disclosures of cash flow information:		
Cash paid during the year for:		
Interest	$ 123	$ 99
Cash refund during the year for:		
Income taxes	$ 477	$ 467

The accompanying notes are an integral part of these consolidated financial statements.

FREQUENCY ELECTRONICS, INC. AND SUBSIDIARIES
Consolidated Statements of Changes in Stockholders' Equity
Years ended April 30, 2021 and 2020
(In thousands, except share data)

	Common Stock		Additional paid in	Accumulated	Treasury stock (at cost)		Accumulated other comprehensive	
	Shares	Amount	capital	Deficit	Shares	Amount	Income (loss)	Total
Balance at April 30, 2019	9,163,940	$ 9,164	$ 56,831	$ (2,111)	183,661	$ (841)	$ 46	$ 63,089
Contribution of stock to 401(k) plan			236		(39,403)	181		417
Stock-based compensation expense			304		(1,850)	8		312
Exercise of stock options and stock appreciation rights - net of shares tendered for exercise price			(457)		(99,712)	457		-
Other comprehensive income, net of tax							444	444
Net loss				(10,026)				(10,026)
Balance at April 30, 2020	9,163,940	$ 9,164	$ 56,914	$ (12,137)	42,696	$ (195)	$ 490	$ 54,236
Contribution of stock to 401(k) plan	26,192	26	325		(14,926)	68		419
Stock-based compensation expense	4,200	4	269					273
Exercise of stock options and stock appreciation rights - net of shares tendered for exercise price	31,936	32	(153)		(26,395)	121		-
Other comprehensive loss, net of tax							(199)	(199)
Net income				680				680
Balance at April 30, 2021	9,226,268	$ 9,226	$ 57,355	$ (11,457)	1,375	$ (6)	$ 291	$ 55,409

The accompanying notes are an integral part of these consolidated financial statements.

1. Summary of Accounting Policies

Basis of Presentation and Principles of Consolidation:

The consolidated financial statements include the accounts of Frequency Electronics, Inc. and its wholly-owned subsidiaries (the "Company" or "Registrant"). References to "FEI" are to the parent company alone and do not refer to any of its subsidiaries. The Company is principally engaged in the design, development and manufacture of precision time and frequency control products and components for microwave integrated circuit applications. See Note 13 for information regarding the Company's business segments: (1) FEI-NY (which includes the subsidiaries FEI Government Systems, Inc., FEI Communications, Inc., and FEI-Elcom Tech, Inc. ("FEI-Elcom")), and (2) FEI-Zyfer, Inc. ("FEI-Zyfer"). Intercompany accounts and transactions are eliminated in consolidation.

These consolidated financial statements have been prepared in conformity with United States generally accepted accounting principles ("U.S. GAAP") and require management to make estimates and assumptions that affect amounts reported and disclosed in the consolidated financial statements and related notes. Actual results could differ from these estimates.

COVID-19 Pandemic and the CARES Act

On January 30, 2020, the World Health Organization ("WHO") announced a global health emergency because of a new strain of coronavirus originating in Wuhan, China ("COVID-19") and the risks to the international community as the virus spread globally beyond its point of origin. In March 2020, the WHO classified COVID-19 as a pandemic, based on the rapid increase in exposure globally.

The full impact of the COVID-19 pandemic continues to evolve as of the date of this report. As such, it is uncertain as to the full magnitude that the pandemic may ultimately have on the Company's financial condition, liquidity, and future financial results. For the fiscal year ended April 30, 2021, the Company had been impacted by employee absenteeism related to direct or indirect effects of the COVID pandemic, delays in the receipt of anticipated new contracts from customers administratively affected by the pandemic and limited availability or delivery delays of parts and materials from vendors affected by the pandemic. FEI-Zyfer's operations were particularly affected as evidenced by decreases in sales and gross margin during the fiscal year. Management is actively monitoring the impact of the global situation on its financial condition, liquidity, operations, suppliers, industry, and workforce. Given the changing dynamics of the pandemic the Company is not able to estimate the potential adverse effects on its operations, financial condition, or liquidity for fiscal year 2022. As of April 30, 2021, the Company has begun a return to normal operations and will continue to follow CDC and state guidelines with an emphasis on employee safety.

The Company faces various future COVID-19 related risks. The Company is dependent on its workforce to design and manufacture its products. If significant portions of the Company's workforce are unable to work effectively, or if the U.S. Government, state and/or other customers or supplier operations are curtailed due to illness, quarantines, government actions, facility closures, or other restrictions, the Company's operations may be impacted. If so, the Company may be unable to perform fully on its contracts and costs may increase. These cost increases may not be fully recoverable or adequately covered by insurance. In the latter part of FY2021, the Company did experience some operational disruptions due to the need to vacate certain areas of the facilities for cleaning and disinfecting resulting from employees being potentially exposed to COVID-19 or following positive COVID-19 test results. Also, certain Company vendors have been unable to deliver materials on time due to COVID-19 related impacts to their workforces or their supply chains. These delays impacted the Company's production costs and schedules. Vendor delivery performance is being closely monitored and alternate sources of supply are generally available and, in some cases, are being established.

On March 27, 2020, President Trump signed into law the "Coronavirus Aid, Relief, and Economic Security ("CARES") Act." The CARES Act, among other things, included provisions relating to refundable payroll tax credits, deferment of employer side social security payments, net operating loss carryback periods, alternative minimum tax credit refunds, modifications to the net interest deduction limitations, increased limitations on qualified charitable contributions, and technical corrections to tax depreciation methods for qualified improvement property. The CARES Act also appropriated funds for the Small Business Administration (SBA) Paycheck Protection Program loans that are forgivable in certain situations to promote continued employment, as well as Economic Injury Disaster Loans to provide liquidity to small businesses harmed by the COVID-19 pandemic. The Company received a loan under the Paycheck Protection Program ("PPP") in April 2020, which it repaid in full in May 2020. For more detail regarding the Company's PPP Loan, see Notes 8 and 12 below.

Cash Equivalents:

The Company considers certificates of deposit and other highly liquid investments with maturities of three months or less when purchased to be cash equivalents. The Company places its temporary cash investments with high credit quality financial institutions. Such investments may at times be in excess of the Federal Deposit Insurance Corporation ("FDIC") and Securities Investor Protection Corporation ("SIPC") insurance limits. No losses have been experienced on such investments.

Marketable Securities:

Marketable securities consist of corporate debt securities, certificates-of-deposit, and debt securities of U.S. Government agencies. All marketable securities were held in the custody of one financial institution at April 30, 2021 and 2020. Investments in debt securities are categorized as available-for-sale and are carried at fair value, with unrealized gains and losses excluded from income and recorded directly to stockholders' equity. The Company recognizes gains or losses when securities are sold using the specific identification method.

Allowance for Doubtful Accounts:

Losses from uncollectible accounts receivable are provided for by utilizing the allowance for doubtful accounts method based upon management's estimate of uncollectible accounts. Management analyzes accounts receivable and the potential for bad debts, customer concentrations, credit worthiness, current economic trends and changes in customer payment terms when evaluating the amount recorded for the allowance for doubtful accounts.

Property, Plant and Equipment:

Property, plant and equipment is recorded at cost and include interest on funds borrowed to finance construction. Expenditures for renewals and betterments are capitalized; maintenance and repairs are charged to income when incurred. When fixed assets are sold or retired, the cost and related accumulated depreciation and amortization are eliminated from the respective accounts and any gain or loss is credited or charged to income.

If events or changes in circumstances indicate that the carrying amount of a long-lived asset may not be recoverable, the Company estimates the future cash flows expected to result from the use of the asset and its eventual disposition. If the sum of the expected future cash flows (undiscounted and without interest charges) is less than the carrying amount of the long-lived asset, an impairment loss is recognized. No impairment losses have been recognized in the years ended April 30, 2021 and 2020.

Inventories:

Inventories, which consist of finished goods, work-in-process, raw materials and components, are accounted for at the lower of cost (specific and average) and net realizable value.

Depreciation and Amortization:

Depreciation of property, plant and equipment is computed on the straight-line method based upon the estimated useful lives of the assets (40 years for buildings and 3 to 10 years for other depreciable assets). Leasehold improvements and equipment acquired under capital leases are amortized on the straight-line method over the shorter of the term of the lease or the useful life of the related asset.

Goodwill:

The Company records goodwill as the excess of purchase price over the fair value of identifiable net assets acquired. Goodwill is tested for impairment, on a reporting unit level qualitatively, on at least an annual basis at year end to determine whether it is more likely than not that the reporting unit's fair value is less than its carrying amount. If it is determined that the carrying value of goodwill may not be recoverable, the Company will write down the goodwill to an amount to commensurate with the revised value of the acquired assets. The Company measures impairment based on revenue projections, recent transactions involving similar businesses and price/revenue multiples at which they were bought and sold, price/revenue multiples of competitors, and the present market value of publicly-traded companies in the Company's industry. Management has determined that goodwill is not impaired as of April 30, 2021 and 2020.

Revenue and Cost Recognition:

Revenue is recognized when a performance obligation is satisfied, which is when the expected goods or services are transferred to the customer, in an amount that reflects the consideration to which the Company expects to receive. A performance obligation is a distinct product or service that is transferred to the customer based on the contract. The transaction price is allocated to each performance obligation and is recognized as revenue upon satisfaction of that performance obligation. The Company derives revenue from contracts with customers by units sold with specific specifications and frequencies that are used by a specific customer and contracts where the end user is The United States Government. The Company's contracts typically include one performance obligation which is satisfied by shipped projects and completed services/reports required in the contract. Control over these performance obligations passes to the customer over time and therefore these revenues are reported in operating results over time using the percentage-of completion ("POC") cost-to-cost method. Under this method, revenue is recorded based upon the ratio that incurred costs bear to total estimated contract costs with related cost of revenues recorded as the costs are incurred. Each month management reviews estimated contract costs through a process of aggregating actual costs incurred and estimating additional costs to completion based upon the current available information and status of the contract. The effect of any change in the estimated gross margin rate ("GM Rate") for a contract is reflected in revenues in the period in which the change is known. Provisions for the full amount of anticipated losses on contracts are made in the period in which they become determinable.

For smaller contracts or orders sales of products and services to customers are reported in operating results based upon passage-of-title ("POT") (i) shipment of the product or (ii) performance of the services pursuant to terms of the customer order. When payment is contingent upon customer acceptance of the installed system, revenue is deferred until such acceptance is received and installation completed. The Company's products generally carry a one-year warranty, but may vary based on the contract terms.

Some judgment is used in evaluating the financial information for certain contracts to determine an appropriate budget and estimated cost. The Company evaluates this information continuously and bases its judgments on historical experience, design specifications, and expected costs for material and labor.

Contract costs include all direct material, direct labor costs, manufacturing overhead and other direct costs related to contract performance. Selling, general and administrative costs are charged to expense as incurred.

Practical Expedients

The Company expenses sales commissions as sales and marketing expenses in the period they are incurred if the expected amortization period is one year or less.

The Company expenses costs, other than sales commissions, to obtain a contract in the period for which they are incurred as these amounts would have been incurred even if the contract had not been obtained.

Disaggregation of Revenue

Total revenue recognized over time as POC method was approximately $50.2 million and $38.0 million of the $54.3 million and $41.5 million reported for the years ended April 30, 2021 and 2020, respectively. The amounts by segment and product line were as follows:

	Year Ended April 30, 2021 (In thousands)		
	POC Revenue	**POT Revenue**	**Total Revenue**
FEI-NY	$ 39,225	$ 3,175	$ 42,400
FEI-Zyfer	10,993	2,842	13,835
Intersegment	(10)	(1,971)	(1,981)
Revenue	$ 50,208	$ 4,046	$ 54,254

	Year Ended April 30, 2020 (In thousands)		
	POC Revenue	**POT Revenue**	**Total Revenue**
FEI-NY	$ 28,720	$ 3,031	$ 31,751
FEI-Zyfer	9,210	1,704	10,914
Intersegment	(88)	(1,070)	(1,158)
Revenue	$ 37,842	$ 3,665	$ 41,507

	Years Ended April 30, (in thousands)	
	2021	**2020**
Revenues by Product Line:		
Satellite Revenue	$ 26,980	$ 20,422
Government Non-Space Revenue	24,775	16,939
Other Commercial & Industrial Revenue	2,499	4,146
Consolidated revenues	$ 54,254	$ 41,507

Comprehensive Income (Loss):

Comprehensive income (loss) consists of net income or loss and other comprehensive income/loss. Other comprehensive income/loss includes changes in unrealized gains or losses, net of tax, on securities (for Fiscal 2021 and Fiscal 2020, debt securities) available for sale during the year.

Research and Development Expenses:

The Company engages in R&D activities to identify new applications for its core technologies, to improve existing products and to improve manufacturing processes to achieve cost reductions and manufacturing efficiencies. R&D costs include direct labor, manufacturing overhead, direct materials and contracted services. Such costs are expensed as incurred. The Company also engages in customer-funded R&D activity. The customer funds received in connection therewith appear in revenues and the associated expenses are included in cost of revenues and are not included in R&D expenses.

Income Taxes:

The Company recognizes deferred tax liabilities and assets based on the expected future tax consequences of events that have been included in the financial statements or tax returns. Under this method, deferred tax liabilities and assets are determined based on the difference between the financial statement and tax bases of assets and liabilities using enacted tax rates in effect for the year in which the differences are expected to reverse. Valuation allowances are established and adjusted when necessary to increase or reduce deferred tax assets to the amount expected to be realized.

The Company analyzes its tax positions under accounting standards which prescribe recognition thresholds that must be met before a tax benefit is recognized in the financial statements and provides guidance on de-recognition, classification, interest and penalties, accounting in interim periods, disclosure, and transition. An entity may only recognize or continue to recognize tax positions that meet a "more likely than not" threshold. Interest and penalties recognized on income taxes are recorded as income tax expense.

Earnings/Loss per Share:

Basic earnings/loss per share are computed by dividing net earnings/loss by the weighted average number of shares of common stock outstanding. Diluted earnings per share are computed by dividing net earnings by the sum of the weighted average number of shares of common stock and the if-converted effect of unexercised stock options and stock appreciation rights ("SARs"). Diluted earnings per share are not computed where the if-converted effect of such items would be anti-dilutive.

Fair Values of Financial Instruments:

Cash and cash equivalents, marketable securities, short-term credit obligations and debt and cash surrender value of life insurance are reflected in the accompanying consolidated balance sheets at amounts considered by management to reasonably approximate fair value based upon the nature of the instrument and current market conditions. Management is not aware of any factors that would significantly affect the value of these amounts. The Company also has an investment in a privately-held Russian company, Morion. The Company is unable to reasonably estimate a fair value for this investment.

Equity-based Compensation:

The cost of employee services received in exchange for awards of equity instruments are based on the grant-date fair value of the award. We recognize the fair value of the award as compensation expense over the period during which an employee is required to provide service in exchange for the award.

Concentration of Credit Risk:

Financial instruments, which potentially subject the Company to concentration of credit risk, consist principally of cash and cash equivalents and trade receivables. The Company maintains cash accounts at several commercial banks at which the balances exceed FDIC limits. The Company has not experienced any losses on such amounts. Concentration of credit risk with respect to trade receivables is generally diversified due to the large number of entities comprising the Company's customer base and their dispersion across geographic areas, principally within the U.S. The Company routinely addresses the financial strength of its customers and, as a consequence, believes that its receivable credit risk exposure is limited. The Company does not require customers to post collateral.

New Accounting Pronouncements:

In January 2017, the FASB issued ASU No. 2017-04, *Intangibles – Goodwill and Other (Topic 350): Simplifying the Test for Goodwill Impairment* ("ASU 2017-04"), which simplifies how an entity is required to test goodwill for impairment by eliminating Step 2 from the goodwill impairment test. Under ASU 2017-04, goodwill impairment will be tested by comparing the fair value of a reporting unit with its carrying amount, and recognizing an impairment charge for the amount by which the carrying amount exceeds the reporting unit's fair value. The new guidance must be applied on a prospective basis and is effective for periods beginning after December 15, 2022, with early adoption permitted. The Company will not be adopting ASU 2017-04 early, and is in the process of determining the effect that ASU 2017-04 may have. However, the Company expects the new standard to have an immaterial effect on its consolidated financial statements.

In June 2016, the FASB issued ASU No. 2016-13, *Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments* ("ASU 2016-13") which replaces the incurred loss impairment methodology in current U.S. GAAP with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to inform credit loss estimates. The new guidance is effective for fiscal years beginning after December 15, 2022. The Company is evaluating the effect, if any, the update will have on its consolidated financial statements when adopted in fiscal year 2023.

2. Earnings per Share

Reconciliations of the weighted average shares outstanding for basic and diluted income (loss) per share for the years ended April 30, 2021 and 2020, respectively, were as follows:

	For the Years Ended April 30,	
	2021	**2020**
Weighted average shares outstanding:		
Basic EPS Shares outstanding (weighted average)	9,177,537	9,073,609
Effect of Dilutive Securities	70,888	251,878
Diluted EPS Shares outstanding	9,248,425	9,325,487

For the year ended April 30, 2020, dilutive securities noted in the above table are excluded from the calculation of earnings per share since the inclusion of such shares would be antidilutive due to the net loss for the period. Additionally, there are anti-dilutive shares excluded in the above table for fiscal years ended April 30, 2021 and 2020 of 345,800 and 896,375, respectively.

3. Costs and Estimated Earnings in Excess of Billings, Net

At April 30, 2021 and 2020, costs and estimated earnings in excess of billings, net, consisted of the following (in thousands):

	April 30, 2021	**April 30, 2020**
Costs and estimated earnings in excess of billings	$ 12,640	$ 10,460
Billings in excess of costs and estimated earnings	(10,692)	(3,507)
Net asset	$ 1,948	$ 6,953

Such amounts represent revenue recognized on long-term contracts that have not been billed at the balance sheet dates or represent a liability for amounts billed in excess of the revenue recognized. Amounts are billed to customers pursuant to contract terms. In general, the recorded amounts will be billed and collected or revenue recognized within twelve months of the balance sheet dates. Revenue on these long-term contracts is accounted for on the POC basis. During the years ended April 30, 2021 and 2020, revenue recognized under POC contracts was approximately $50.2 million and $38.0 million, respectively. If contract losses are anticipated, costs and estimated earnings in excess of billings are reduced for the full amount of such losses when they are determinable. Total contract losses for the fiscal years ended April 30, 2021 and 2020 were approximately $1.0 million and $2.4 million, respectively.

4. Inventories, Net

Inventories, net at April 30, 2021 and 2020, respectively, consisted of the following (in thousands):

	April 30, 2021	**April 30, 2020**
Raw Materials and Component Parts	$ 12,386	$ 15,470
Work in Progress	6,259	6,104
Finished Goods	1,016	1,384
	$ 19,661	$ 22,958

Inventory reserves included in inventory were $7.3 and $6.6 million for the fiscal years ended April 30, 2021 and 2020, respectively.

5. Property, Plant and Equipment, Net

Property, plant and equipment, net at April 30, 2021 and 2020, consisted of the following (in thousands):

	April 30, 2021	April 30, 2020
Buildings and building improvements	$ 2,721	$ 2,692
Machinery, equipment and furniture	59,136	57,916
	61,857	60,608
Less accumulated depreciation	(52,245)	(49,341)
	$ 9,612	$ 11,267

Depreciation and amortization expense was $2.9 million and $3.0 million for the fiscal years ended April 30, 2021 and 2020, respectively.

Maintenance and repairs charged to operations was approximately $827,000 and $706,000 for the fiscal years ended April 30, 2021 and 2020, respectively.

6. Right-of-Use Assets and Lease Liabilities

The Company's leases primarily represent offices, warehouses, vehicles, manufacturing and R&D facilities which expire at various times through 2029 and are operating leases. Contractual arrangements are evaluated at inception to determine if the agreement contains a lease. Certain lease agreements contain renewal options, rent abatement, and escalation clauses that are factored into our determination of lease payments when appropriate. ROU assets and lease liabilities are recorded based on the present value of future lease payments which will factor in certain qualifying initial direct costs incurred as well as any lease incentives that may have been received. Lease expenses for operating lease payments are recognized on a straight-line basis over the lease term. Lease terms may factor in options to extend or terminate the lease.

The Company elected the practical expedient for short-term leases which allows leases with terms of twelve months or less to be recorded on a straight-line basis over the lease term without being recognized on the consolidated balance sheet.

The table below presents ROU assets and lease liabilities recorded on the consolidated balance sheets as follows:

	Classification	April 30, 2021	April 30, 2020
		(In thousands)	
Assets			
Operating lease ROU assets	Right-of-Use assets leases	$ 9,773	$ 10,864
Liabilities			
Operating lease liabilities (short-term)	Lease liability, current	1,715	1,869
Operating lease liabilities (long-term)	Lease liability, non-current	8,366	9,444
Total lease liabilities		$ 10,081	$ 11,313

Total operating lease expense was approximately $1.6 million for the fiscal years ended April 30, 2021 and 2020, the majority of which is included in cost of revenues and the remaining amount in selling and administrative expenses on the consolidated statements of operations. In addition, we made cash payments of $2.0 million and $1.7 million for operating leases during the fiscal years ended April 30, 2021 and 2020, respectively, which are included in cash flows from operating activities in our consolidated statement of cash flows. As of April 30, 2021, the Company had no operating lease liabilities that had not commenced.

The table below reconciles the undiscounted cash flows for each of the first five fiscal years and total of the remaining fiscal years to the operating lease liabilities recorded on the consolidated balance sheet as of April 30, 2021:

Fiscal Year Ending April 30,
(in thousands**)**

2022	$	1,766
2023		1,802
2024		1,834
2025		1,723
Thereafter		5,542
Total lease payments		12,667
Less imputed interest		(2,586)
Present value of future lease payments		10,081
Less current obligations under leases		(1,715)
Long-term lease obligations	$	8,366

As of April 30, 2021, the weighted-average remaining lease term for all operating leases was 7.4 years. The Company does not generally have access to the rate implicit in the leases and therefore utilized the Company's borrowing rate as the discount rate. The weighted average discount rate for operating leases as of April 30, 2021 was 6.19%.

7. Marketable Securities

The cost, gross unrealized gains, gross unrealized losses and fair market value of available-for-sale securities at April 30, 2021 and 2020, respectively, were as follows (in thousands):

	April 30, 2021			
	Cost	**Gross Unrealized Gains**	**Gross Unrealized Losses**	**Fair Market Value**
Fixed income securities	$ 10,022	$ 393	$ (102)	$ 10,313

	April 30, 2020			
	Cost	**Gross Unrealized Gains**	**Gross Unrealized Losses**	**Fair Market Value**
Fixed income securities	$ 10,081	$ 495	$ (6)	$ 10,570

The following table presents the fair value and unrealized losses, aggregated by investment type and length of time that individual securities have been in a continuous unrealized loss position (in thousands):

	Less than 12 months		**12 Months or more**		**Total**	
	Fair Value	**Unrealized Losses**	**Fair Value**	**Unrealized Losses**	**Fair Value**	**Unrealized Losses**
April 30, 2021						
Fixed Income Securities	$ 1,793	$ (52)	$ 614	$ (50)	$ 2,407	$ (102)
April 30, 2020						
Fixed Income Securities	$ 380	$ (6)	$ -	$ -	$ 380	$ (6)

The Company regularly reviews its investment portfolio to identify and evaluate investments that have indications of possible impairment. The Company does not believe that its investments in marketable securities with unrealized losses at April 30, 2021 were other-than-temporary due to market volatility of the security's fair value, analysts' expectations and the Company's ability to hold the securities for a period of time sufficient to allow for any anticipated recoveries in market value.

Proceeds from the sale or redemption of available-for-sale securities and the resulting gross realized gains and losses included in the determination of net income (loss) for the years ended April 30, 2021 and 2020, respectively, were as follows (in thousands):

	For the years ended April 30,	
	2021	**2020**
Proceeds	$ 2,498	$ 3,539
Gross realized gains	$ 28	$ -
Gross realized losses	$ -	$ (1)

Maturities of fixed income securities classified as available-for-sale at April 30, 2021 were as follows (at cost, in thousands):

Current	$ 3,490
Due after one year through five years	4,498
Due after five years	2,034
	$ 10,022

The fair value accounting framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements).

The levels of the fair value hierarchy are described below:

Level 1 Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Company has the ability to access.

Level 2 Inputs to the valuation methodology include:
-Quoted prices for similar assets or liabilities in active markets;
-Quoted prices for identical or similar assets or liabilities in inactive markets;
-Inputs other than quoted prices that are observable for the asset or liability; and
-Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

Level 3 Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs. The Company's money market, business account, and U.S. securities are valued on a Level 1 basis. The Company's fixed income corporate debt securities and certificates of deposit are valued on a Level 2 basis. Level 2 securities are valued at the closing prices and are consistent with quoted prices of similar assets reported in active markets.

8. Debt Obligations

As of April 30, 2021, the Company had available credit with UBS Bank USA at variable terms based on its securities holdings under an advisory arrangement, under which no borrowings have been made. On April 12, 2020, the Company received proceeds from a loan in the amount of $4,964,810 (the "PPP Loan") from JPMorgan Chase Bank, N.A. as the lender, pursuant to the Small Business Administration Paycheck Protection Program under the CARES Act. The PPP Loan was repaid in full on May 6, 2020.

9. Accrued Liabilities

Accrued liabilities at April 30, 2021 and 2020, respectively, consisted of the following (in thousands):

	2021	2020
Vacation and other compensation	$ 1,564	$ 1,437
Incentive compensation	550	107
Payroll taxes	167	379
Warranty reserve	439	527
Commissions	329	345
Deferred compensation payable	704	704
Other	1,492	1,187
	$ 5,245	$ 4,686

10. Investment in Morion, Inc.

The Company has an investment in Morion, a privately-held Russian company, which manufactures high precision quartz resonators and crystal oscillators. The Company has also licensed certain technology to Morion.

The Company's investment consists of 4.6% of Morion's outstanding shares, accordingly, the Company accounts for its investment in Morion on the cost basis. This investment of approximately $800,000 is included in other assets in the accompanying consolidated balance sheets. During the fiscal years ended April 30, 2021 and 2020, the Company acquired product from Morion in the aggregate amount of approximately $710,000 and $888,000, respectively. During the fiscal years ended April 30, 2021 and 2020, the Company sold product and training services to Morion in the aggregate amount of approximately $94,000 and $85,000, respectively, included in revenues in the consolidated statements of operations as part of the FEI-NY segment. During the fiscal years ended April 30, 2021 and 2020, the Company received dividends from Morion in the amount of approximately $105,000 and $250,000, respectively, which is included in other income, net in the consolidated statements of operations as part of the FEI-NY segment.

Morion is a less than wholly-owned subsidiary of Gazprombank, a state-owned Russian bank. The U.S. Ukraine-related sanctions regime has since 2014 included a list of SSI pursuant to Executive Order 13662, which prohibits certain transactions, including certain extensions of credit, with an entity designated as an SSI or certain affiliates of an entity designated as an SSI. On July 16, 2014, after the Company's investment in Morion, Gazprombank was designated as an SSI.

As previously disclosed, in light of Morion's relationship with Gazprombank, in 2020, the Company evaluated, with the assistance of external legal counsel, certain sales to Morion and the timing of payments by Morion to the Company in connection with those sales to determine whether payments by Morion may have inadvertently constituted extensions of credit in violation of Directive 1 under Executive Order 13662. The Company determined that certain payments by Morion – the majority of which occurred more than five years ago – were not timely. Following the evaluation, on May 7, 2020, the Company voluntarily disclosed its findings to the Office of Foreign Assets Control ("OFAC"). The Company's voluntary disclosure to OFAC related solely to delays in collection of accounts receivable that exceeded then-applicable payment windows set forth in sanctions regulations and did not relate to any other type of payment or transaction. On February 17, 2021, the Company received a Cautionary Letter from OFAC indicating that OFAC has completed its review of the matter. According to OFAC, the Cautionary Letter was issued instead of pursuing a civil monetary penalty or taking other enforcement action.

11. Employee Benefit Plans

Profit Sharing Plan:

The Company provides its U.S.-based employees with a profit-sharing plan and trust under § 401(k) of the IRC. This plan allows all eligible employees to defer a portion of their income through voluntary contributions to the plan. In accordance with the provisions of the plan, the Company can make discretionary matching contributions in the form of cash or common stock. For the years ended April 30, 2021 and 2020, the Company contributed 41,118 and 39,403 shares of common stock, respectively. The approximate value of these shares at the date of contribution was $419,000 and $417,000 in fiscal years 2021 and 2020, respectively. Contributed shares are drawn from the Company's common stock held in treasury, and are removed at the Company's original cost of acquisition of such shares on a specific identification basis, and from the Company's common stock. In addition to changes in the treasury stock accounts, during fiscal years 2021 and 2020, such transactions increased additional paid in capital by $325,000 and $236,000, respectively. As of April 30, 2021, the plan held a total of 498,115 shares, which were allocated to the accounts of the individual participants. As of April 30, 2020, the plan held a total of 507,204 shares, which were allocated to the accounts of the individual participants.

Income Incentive Pool:

The Company maintains incentive bonus programs for certain employees which are based on operating profits of the individual subsidiaries to which the employees are assigned. The Company also adopted a plan for the President and Chief Executive Officer of the Company, which the formula is based on consolidated pre-tax profits. The incentive bonus recorded for the fiscal year ended April 30, 2021 was $550,000. There was no incentive bonus recorded for the fiscal year ended April 30, 2020.

Employee Stock Plans:

The Company has various stock plans, some of which have been approved by the Company's stockholders, for key management employees, including officers and directors who are employees, certain consultants and independent members of the Board of Directors. The plans are Nonqualified Stock Options ("NQSO") plans, Incentive Stock Option ("ISO") plans, and SAR plans. Under these plans, options or SAR are granted at the discretion of the Stock Option Committee at an exercise price not less than the fair market value of the Company's common stock on the date of grant.

Typically, options and SARs vest over a four-year period from the date of grant. The options and SARs generally expire ten years after the date of grant (the most recent SARs awards expire in five years) and are subject to certain restrictions on transferability of the shares obtained on exercise. Under the Company's 2005 Stock Award Plan ("Plan") the Company provided option holders the opportunity to exercise stock options either by paying the exercise price for the shares or to do a cashless exercise whereby the individual receives the net number of shares of stock equal in value to the exercised number of shares times the difference between the current market value of the Company's stock and the exercise price. Under the Plan, instruments granted under other plans which expire, are canceled, or are tendered in the exercise of such instruments, increase the shares available under the Plan.

As of April 30, 2021, eligible employees and directors had been granted total SARs representing approximately 2,445,000 shares of the Company's common stock, of which approximately 615,000 shares were outstanding and approximately 538,000 shares with a weighted average exercise price of $10.06 were exercisable. There were no SARs granted during the fiscal year 2021. When the SARs become exercisable, the Company will settle the SARs by issuing to exercising recipients the number of shares of stock from common stock or treasury stock, if available, equal to the appreciated value of the Company's stock between the grant date and exercise date. At the time of exercise, the quantity of shares under the SARs grant equal to the exercise value divided by the then market value of the shares will be returned to the pool of available shares for future grant under the Plan. During the year ended April 30, 2021, employees exercised SARs representing 247,500 shares of the Company's common stock and received 58,331 shares of Company stock. The difference of 189,169 shares was returned to the pool of available shares and may be used for future grants.

The excess of the consideration received over the par value of the common stock or cost of treasury stock issued under both types of option plans is recognized as an increase in additional paid-in capital.

The following table summarizes information about stock option and SARs activity for the years ended April 30, 2021 and 2020:

	Stock Options and Stock Appreciation Rights			
	Shares	**Weighted-Average Exercise Price**	**Weighted Average Remaining Contractual Term**	**Aggregate Intrinsic Value**
Outstanding – April 30, 2019	1,499,750	$ 9.17	3.0 years	6,660,150
Granted	-	-		
Exercised	(171,250)	5.48		$ 781,680
Expired or Canceled	(269,000)	9.26		
Outstanding – April 30, 2020	1,059,500	$ 9.74	2.2 years	$ 5,416,783
Granted	-	-		
Exercised	(247,500)	8.42		573,418
Expired or Canceled	(197,000)	10.96		
Outstanding – April 30, 2021	615,000	$ 9.88	1.8 years	$ 2,141,905
Exercisable	537,500	$ 10.06	1.8 years	$ 1,959,463
Available for future grants	755,923			

As of April 30, 2021, total unrecognized compensation cost related to non-vested options and SARs under the plans was approximately $120,000. These costs are expected to be recognized over a weighted average period of 1.0 years.

During the years ended April 30, 2021 and 2020, 85,625 and 100,625 shares, respectively, vested, the fair value of which was approximately $274,000 and $339,000, respectively.

Stock-based compensation costs capitalized as part of work in process inventory or included in the cost of sales of programs on which the Company recognizes revenue under the POC method were approximately $103,000 and $110,000 for the years ended April 30, 2021 and 2020, respectively. Selling and administrative expenses included stock-based compensation expense of approximately $160,000 and $144,000 for the years ended April 30, 2021 and 2020, respectively.

The Company classifies cash flows resulting from the tax benefits from tax deductions recognized upon the exercise of stock options or SARs (tax benefits) as operating cash flows. The Company did not recognize any tax benefits from the exercise of stock options and SARs for the fiscal years presented.

Restricted Stock Plan and Other Issuances:

During fiscal year 1990, the Company adopted a Restricted Stock Plan which provided that key management employees could be granted rights to purchase an aggregate of 375,000 shares of the Company's common stock. The grants, transferability restrictions and purchase price were determined at the discretion of a special committee of the Board of Directors. The purchase price could not be less than the par value of the common stock. Transferability of shares is restricted for a four-year period, except in the event of a change in control as defined therein. As a result of the adoption by the Company's stockholders of the 2005 Stock Award Plan, the Restricted Stock Plan was discontinued. No additional grants will be made under this plan. As of April 30, 2020, there are no outstanding shares available for purchase.

During the year ended April 30, 2021 and 2020 the Company issued 950 shares from common stock and 1,850 shares from treasury stock, respectively, to select employees for milestone years of service to the Company. These shares are shares of the Company's common stock and are fully vested at time of issuance.

In fiscal year 2020 the Company elected to issue Restricted Stock Units ("RSUs") to directors, officers, and other key employees pursuant to the 2005 Stock Award Plan. The fair value of these awards is equivalent to the market value of the Company's common stock on the grant date. RSUs are not shares of the Company's common stock and do not have any rights or privileges thereof, including voting or dividend rights. On the applicable vesting date, the holder of an RSU becomes entitled to a share of the Company's common stock. RSUs are subject to certain restrictions and forfeiture provisions prior to vesting.

In fiscal year 2021 the Company elected to issue Performance Stock Units ("PSUs") to an officer of the Company. The fair value of these awards is equivalent to the market value of the Company's common stock on the grant date and requires an assessment of the probability that the specified performance criteria will be achieved, which is updated at each reporting date. PSUs are not shares of the Company's common stock and do not have any rights or privileges thereof, including voting or dividend rights. On the applicable vesting date, subject to the attainment of the specified performance criteria, the holder of a PSU becomes entitled to a share of the Company's common stock. PSUs are subject to certain restrictions and forfeiture provisions, in addition to performance vesting conditions, prior to vesting.

The following table summarizes activity for the RSUs and PSUs awards that reduce available capacity under the 2005 Stock Award Plan for the years ended April 30, 2021 and 2020:

	Shares	Weighted-Average Exercise Price
Balance – April 30, 2019	-	$ -
Granted	13,000	11.38
Balance – April 30, 2020	13,000	11.38
Granted	47,250	10.03
Vested	(3,250)	11.38
Balance – April 30, 2021	57,000	10.26

Deferred Compensation Agreements:

The Company has a series of agreements with key employees providing for the payment of benefits upon retirement or death. Under these agreements, each key employee receives specified retirement payments for the remainder of the employee's life with a minimum payment of ten years' benefits to either the employee or his or her beneficiaries. The agreements also provide for lump sum payments upon termination of employment without cause and reduced benefits upon early retirement. The Company pays the benefits out of its working capital but has also purchased whole life or term life insurance policies on the lives of certain of the participants to cover the optional lump sum obligations of the agreements upon the death of the participant. Deferred compensation expense charged to selling and administrative expenses during the years ended April 30, 2021 and 2020 was approximately $1.1 million and $640,000, respectively.

Life Insurance Policies and Cash Held in Trust:

The whole-life insurance policies on the lives of certain participants covered by deferred compensation agreements have been placed in a trust. Upon the death of any insured participant, cash received from life insurance policies in excess of the Company's deferred compensation obligations to the estate or beneficiaries of the deceased, are also placed in the trust. These assets belong to the Company until a change of control event, as defined in the trust agreement, should occur. At that time, the Company is required to add sufficient cash to the trust so as to match the deferred compensation liability described above. Such funds will be used to continue the deferred compensation arrangements following a change of control.

12. <u>Income Taxes</u>

On March 27, 2020, the CARES Act was enacted to provide economic relief to those impacted by the COVID-19 pandemic. The CARES Act includes provisions, among others, allowing for the carryback of net operating losses generated in tax years 2018, 2019 and 2020, refunds of alternative minimum tax credits, temporary modifications to the limitations placed on the tax deductibility of net interest expense, and technical corrections so that qualified improvement property can be immediately expensed under IRC § 168(k) and net operating losses arising in tax years beginning in 2017 and ending in 2018 can be carried back two years and forward twenty years.

The (benefit) provision for income taxes consisted of the following (in thousands):

	Year Ended April 30, 2021	Year Ended April 30, 2020
Current:		
Federal	$ (119)	$ (1,713)
State	(85)	(37)
Current (benefit) provision	(204)	(1,750)
Deferred:		
Federal	-	9
State	-	(1)
Deferred tax (benefit) provision	-	8
Total (benefit) provision	$ (204)	$ (1,742)

The following table reconciles the reported income tax (benefit) provision, recorded primarily due to the (i) recognition of previously unrecognized tax benefits, (ii) state and local taxes, (iii) and a change in the valuation allowance, with the amount computed using the federal statutory income tax rate (in thousands):

	Year Ended April 30, 2021	Year Ended April 30, 2020
Statutory rate	$ 100	$ (2,471)
State and local tax	69	(417)
Valuation allowance on deferred tax assets	961	2,009
Nondeductible expenses	2	(134)
Uncertain tax positions	(898)	-
Nontaxable life insurance cash value increase	(63)	(73)
Taxable life insurance gain	128	-
Stock Compensation	242	-
Tax credits	(434)	(46)
Change in tax rate	(323)	(120)
Impact of CARES Act	-	(592)
Other items	12	102
Total (benefit) provision	$ (204)	$ (1,742)

The components of deferred taxes are as follows (in thousands):

	Year Ended April 30, 2021	Year Ended April 30, 2020
Deferred tax assets:		
Employee benefits	$ 4,789	$ 4,794
Inventory	1,946	1,904
Accounts receivable	119	207
Tax credits	2,027	1,610
Other assets	883	1,073
Lease Liability	2,593	2,807
Capital Loss carry-forward	2,602	2,515
Net operating loss carryforwards	6,203	6,185
Total deferred tax asset	21,162	21,095
Deferred tax liabilities:		
Property, plant and equipment	(666)	(1,518)
Right of use asset	(2,514)	(2,696)
Other liabilities	(195)	(193)
Deferred state income tax	(932)	(842)
Net deferred tax asset	16,855	15,846
Valuation allowance	(16,863)	(15,854)
Net deferred tax (liability) asset	$ (8)	$ (8)

In assessing the potential for realization of deferred tax assets, the Company considers whether it is more-likely-than-not that some portion or all of the deferred tax assets will be realized. A valuation allowance, if needed, reduces the deferred tax assets to the amounts expected to be realized. The ultimate realization of deferred tax assets is dependent upon the generation of future taxable income in those periods in which temporary differences become deductible and/or net operating loss carryforwards can be utilized. We assess all positive and negative evidence when determining the amount of the net deferred tax assets that are more likely than not to be realized. This evidence includes, but is not limited to, prior earnings history, scheduled reversal of taxable temporary differences, tax planning strategies and projected future taxable income. Significant weight is given to positive and negative evidence that is objectively verifiable. As of April 30, 2021 and 2020, we have a full valuation allowance against our U.S. net deferred tax assets. If these estimates and assumptions change in the future, the Company may be required to reduce its existing valuation allowance resulting in less income tax expense.

For the year ended April 30, 2021, the valuation allowance increased by approximately $1.0 million from the prior year primarily due an increase in the net deferred tax asset for which no tax benefit was provided.

The Company has a net deferred tax liability related to the tax effect of differences between financial reporting and tax basis of intangible assets that are not expected to reverse within the Company's net operating loss carryforward periods. The utilization of indefinite lived net operating losses are limited to 80% of taxable income in an annual period.

As of April 30, 2021, the Company has U.S. federal net operating losses of $24.3 million of which $16.4 million begins to expire in Fiscal 2026 through 2038, including $3.4 million which is subject to annual limitation under IRC § 382. The remaining U.S. federal net operating losses of $7.9 million have an indefinite carry-forward period. The U.S. federal capital loss carry-forward of $10.0 million expires in Fiscal 2023. U.S. federal R&D credits of $0.7 million begin to expire in Fiscal 2036 through 2040. The Company also has state net operating loss carryforwards, and state tax credits that expire in various years and amounts.

A reconciliation of the beginning and ending amounts of unrecognized tax benefits, is as follows (in thousands):

	2021	2020
Balance at the beginning of the fiscal year	$ 1,354	$ 1,258
Additions based on positions taken in the current year	-	15
Additions based on positions taken in prior years	-	119
Decreases based on positions taken in prior years	-	(2)
Lapse in statute of limitations	(1,235)	(36)
Balance at the end of the fiscal year	$ 119	$ 1,354

The Company recognized $1.2 million of unrecognized benefits during the year ended April 30, 2021 in connection with the lapse of the statute of limitations. Approximately $1.1 million of this amount increased the net operating loss carryforwards which attracted a valuation allowance. The entire amount reflected in the above table at April 30, 2021, if recognized, would reduce our effective tax rate. As of April 30, 2021, and 2020, the Company had $0 and $119,000, respectively, accrued for the payment of interest and penalties. For the fiscal years ended April 30, 2021 and 2020, the Company recognized interest (income) and expense of $(119,000) and $60,000, respectively. Although it is difficult to predict or estimate the change in the Company's unrecognized tax benefits over the next twelve months, the Company believes no additional amounts will be recognized in the next twelve months.

The Company is subject to taxation in the U.S. federal, various state and local, and foreign jurisdictions. The Company is no longer subject to examination of its U.S. federal income tax returns by the Internal Revenue Service for fiscal years 2017 and prior. The Company is no longer subject to examination by the taxing authorities in foreign jurisdictions for fiscal years 2017 and prior. Net operating losses and tax attributes generated by domestic and foreign entities in closed years and utilized in open years are subject to adjustment by the tax authorities.

13. Segment Information

The Company operates under two reportable segments based on the geographic locations of its subsidiaries:

(1) FEI-NY – operates out of New York and its operations consist principally of precision time and frequency control products used in three principal markets- communication satellites (both commercial and U.S. Government-funded); terrestrial cellular telephone or other ground-based telecommunication stations; and other components and systems for the U.S. military.
The FEI-NY segment also includes the operations of the Company's wholly-owned subsidiary, FEI-Elcom. FEI-Elcom, in addition to its own product line, provides design and technical support for the FEI-NY segment's satellite business.

(2) FEI-Zyfer – operates out of California and its products incorporate Global Positioning System (GPS) technologies into systems and subsystems for secure communications, both government and commercial, and other locator applications. This segment also provides sales and support for the Company's wireline telecommunications family of products, including US5G, which are sold in the U.S. market.

The Company measures segment performance based on total revenues and profits generated by each geographic location rather than on the specific types of customers or end-users. Consequently, the Company determined that the segments indicated above most appropriately reflect the way the Company's management views the business.

The accounting policies of the two segments are the same as those described in Note 1. The Company evaluates the performance of its segments and allocates resources to them based on operating profit which is defined as income before investment income, interest expense and taxes. All acquired assets, including intangible assets, are included in the assets of both reporting segments.

The table below presents information about reported segments for each of the years ended April 30, 2021 and 2020, respectively, with reconciliation of segment amounts to consolidated amounts as reported in the consolidated statements of operations or the consolidated balance sheets for each of the years (in thousands):

	For the Years Ended April 30,	
	2021	**2020**
Revenues:		
FEI-NY	$ 42,400	$ 31,751
FEI-Zyfer	13,835	10,914
less intersegment revenues	(1,981)	(1,158)
Consolidated revenues	$ 54,254	$ 41,507
Operating (loss) income:		
FEI-NY	$ (1,067)	$ (9,910)
FEI-Zyfer	655	(673)
less intersegment revenues	(204)	-
Corporate	(342)	(339)
Consolidated operating loss	$ (958)	$ (10,922)

	For the Years Ended April 30,	
	2021	**2020**
Identifiable assets:		
FEI-NY	$ 34,869	$ 44,599
FEI-Zyfer	12,888	13,344
less intersegment balances	-	(8,586)
Corporate	38,259	41,919
Consolidated identifiable assets	$ 86,016	$ 91,276
Depreciation and amortization (allocated):		
FEI-NY	$ 3,110	$ 3,192
FEI-Zyfer	191	112
Corporate	-	15
Consolidated depreciation and amortization expense	$ 3,301	$ 3,319

Major Customers

The Company's products are sold to both commercial and governmental customers. For the years ended April 30, 2021 and 2020, approximately 91% and 83%, respectively, of the Company's sales were made under contracts to the U.S. Government or subcontracts for U.S. Government end-use.

In Fiscal 2021 and 2020, revenues to three and four customers, respectively, of the FEI-NY segment accounted for more than 10% of that segment's revenues. In Fiscal 2021 and 2020 two and four customers, respectively, also exceeded 10% of the Company's consolidated revenues. In the FEI-Zyfer segment, three and two customers, respectively, accounted for more than 10% of that segment's revenues in Fiscal 2021 and 2020.

The loss by the Company of any one of these customers would have a material adverse effect on the Company's business. The Company believes its relationship with these customers is mutually satisfactory. Sales to the major customers referenced above can include commercial and governmental end users.

Foreign Sales

Revenues in each of the Company's segments include sales to foreign governments or to companies located in foreign countries. For the years ended April 30, 2021 and 2020, revenues, based on the location of the procurement entity and excluding intersegment sales, were derived from the following countries (in thousands):

	2021	2020
Belgium	$ 36	$ 22
Brazil	106	-
France	123	-
China	215	713
Russia	94	85
Germany	31	13
Italy	27	169
Israel	82	240
Singapore	32	82
Taiwan	101	-
United Kingdom	261	-
Other	315	441
	$ 1,423	$ 1,765

14. Product Warranties

The Company generally provides its customers with a one-year warranty regarding the manufactured quality and functionality of its products. For some limited products, the warranty period has been extended. The Company establishes warranty reserves based on its product history, current information on repair costs and annual sales levels. As of April 30, 2021 and 2020, respectively, changes in the carrying amount of accrued product warranty costs, reported in accrued expenses on the consolidated balance sheets, were as follows (in thousands):

	2021	2020
Balance at beginning of year	$ 527	$ 529
Warranty costs incurred	(619)	(293)
Product warranty accrual	531	291
Balance at end of year	$ 439	$ 527

15. Other Comprehensive Income (Loss)

Changes in Accumulated Other Comprehensive Income (Loss) ("AOCI") by component and reclassifications from AOCI to Other income (expense), net, for the years ended April 30, 2021 and 2020, respectively, were as follows (in thousands):

		Change in Market Value of Marketable Securities
Balance April 30, 2019, net of taxes		$ 46
Items of other comprehensive income (loss) before reclassification, pretax		443
Tax effect		-
Items of other comprehensive income (loss) before reclassification, net of taxes		443
Reclassification adjustments, pretax **	1	
Tax effect		1
Total other comprehensive income (loss), net of taxes		444
Balance April 30, 2020, net of taxes		490
Items of other comprehensive income (loss) before reclassification, pretax		(171)
Tax effect		(6)
Items of other comprehensive income (loss) before reclassification, net of taxes		(177)
Reclassification adjustments, pretax **	(28)	
Tax effect	6	(22)
Total other comprehensive income (loss), net of taxes		(199)
Balance April 30, 2021, net of taxes		$ 291

**The reclassification adjustments represent net realized gains on the sale or redemption of available-for-sale marketable securities that were reclassified from AOCI to Other income (expense), net.

16. Contingencies

On January 28, 2020, Martin B. Bloch, the former Chief Scientist of the Company and a former member of the Company's Board, filed a complaint against the Company and Jonathan Brolin, Lance W. Lord, Russell M. Sarachek, Richard Schwartz and Stanton D. Sloane, each in their capacity as members of the Board (collectively, the "Director Defendants"), in the Supreme Court of the State of New York, County of Nassau (*Bloch v. Frequency Electronics, Inc., et al*., Index No. 601369/2020 (N.Y. Sup. Ct. filed Jan. 28, 2020)). Mr. Bloch sought compensatory damages and costs and attorney's fees, among other things, based on allegations that he was wrongfully terminated "for cause" pursuant to his employment agreement, dated March 17, 2008 and that the Company and the Director Defendants discriminated against him based on his age. Mr. Bloch originally also sought a declaratory judgment and asserted claims for defamation and a derivative claim, purportedly on behalf of the Company alleging that the Director Defendants breached their fiduciary duty in rendering their decision to terminate Mr. Bloch's employment with the Company. However, Mr. Bloch withdrew these claims from a subsequently filed amended complaint after the Company and the Director Defendants moved to dismiss them. On June 11, 2020, the Company and the Director Defendants filed their answer to the amended complaint. Mr. Bloch filed a motion for summary judgment on June 23, 2020. Mr. Bloch's motion sought an order that the Company was liable for breach of his employment agreement because he purportedly resigned from the Company before he was terminated. On July 10, 2020, the Company and the Director Defendants opposed Mr. Bloch's motion and also filed a motion for summary judgment seeking the dismissal of all claims in Mr. Bloch's amended complaint. On September 23, 2020, the Court denied Mr. Bloch's motion for summary judgment. It also granted the Company and the Director Defendants' motion for summary judgment as to all claims, except for one claim for breach of contract against the Company. On October 23, 2020, the Company filed a brief with the Appellate Division, Second Department, seeking a reversal of the lower court's order to the extent that it denied the Company's summary judgment motion on the breach of contract claim. Mr. Bloch filed its responsive brief on November 20, 2020. The appeal is currently pending. The Company believes that the Board was justified in its decision to terminate Mr. Bloch "for cause" and that Mr. Bloch's single surviving claim is entirely without merit. The Company intends to vigorously defend against all of Mr. Bloch's allegations. At this time, the Company does not have sufficient information to determine whether liability, if any, arising out of these matters is probable or the possible loss, if any, that could result from an unfavorable outcome arising out of these matters.

In addition, Mr. Bloch has initiated two arbitration proceedings under the AAA Rules (*Bloch v. Frequency Electronics, Inc., the Compensation Committee of the Board of Directors of Frequency Electronics, Inc., and the Deferred Compensation Plan Agreement Dated March 7, 2008*). One arbitration purports to be brought under a deferred compensation agreement dated March 27, 1980 and the other under a second amended and restated deferred compensation agreement, dated March 7, 2008. Bloch submitted his Statement of Claim in one arbitration on May 4, 2020, and in the other arbitration on May 6, 2020. In each proceeding, Mr. Bloch claims that defendants violated ERISA rules by denying him deferred compensation benefits. He seeks an award for allegedly past due deferred compensation benefits plus interest, clarification as to his future rights to deferred compensation benefits, and attorneys' fees and costs.

On June 2, 2020, the Company filed a petition for a stay of arbitration and related declaratory relief against Mr. Bloch, in the Supreme Court of the State of New York, New York County (*Frequency Electronics, Inc. v. Martin B. Bloch*, Index No. 652191/2020 (N.Y. Sup. Ct. filed June 2, 2020)). The Company claims that Mr. Bloch may not arbitrate his claims for deferred compensation because he did not timely appeal the Company's denial of those claims, and because he failed to comply with the arbitration procedures in the applicable deferred compensation agreement. Mr. Bloch filed a motion on June 16, 2020 seeking a change of venue to the County of Nassau, which the Company opposed on July 7, 2020. The Court granted Mr. Bloch's motion on September 8, 2020. The case was therefore transferred to the County of Nassau, and assigned to the same Judge hearing the other cases between the parties (Frequency Electronics, Inc. v. Martin B. Bloch, Index No. 611405/2020). In its order dated February 10, 2021 and entered on February 16, 2021, the Court denied the Company's petition for a stay of arbitration and ordered the parties to proceed to arbitration. The Company appealed the court's denial of its petition to stay arbitration on May 7, 2021. The appeal is currently pending. At this time, the Company does not have sufficient information to determine the likelihood of success of this appeal.

On June 5, 2020, Mr. Bloch filed a petition against the Company, the Compensation Committee of the Company's Board of Directors, and the Deferred Compensation Plan Agreement Dated March 7, 2008, as amended ("Respondents"), for the appointment of an arbitrator in one of the arbitration proceedings that Mr. Bloch initiated. The petition was filed in the Supreme Court of the State of New York, County of Nassau *(Bloch v. Frequency Electronics, Inc. et al.,* Index No. 605380/2020 (N.Y. Sup. Ct. filed June 5, 2020)). On June 22, 2020, Respondents moved to dismiss Mr. Bloch's petition, and he opposed the motion on July 2, 2020. In its orders dated February 10, 2021 and entered on February 16, 2021, the Court granted Mr. Bloch's petition for the appointment of an arbitrator, denied the Company's motion to dismiss that petition, and denied a motion previously filed by the Company for an interim stay of arbitration. On May 11, 2021, Respondents appealed the Court's decision granting Mr. Bloch's petition for the appointment of an arbitrator and denying Respondents' motion to dismiss that petition. The appeal is currently pending. Respondents dispute all of Bloch's claims and intend to continue to vigorously defend the Company in the appeal. The likelihood of any outcome of this appeal cannot be determined at this time.

The arbitration panel in the arbitrations initiated by Mr. Bloch was constituted in March 2021. The same panel serves in both arbitrations. On May 6, 2021, Respondents submitted a motion to dismiss the arbitrations on the grounds that Mr. Bloch's claims are not arbitrable. The motion is fully briefed. The Panel heard oral argument on the motion on June 22, 2021, but has not yet ruled on it. Respondents dispute Mr. Bloch's claims and intend to defend the arbitrations vigorously. The likelihood of any outcome of these arbitration proceedings cannot be determined at this time.

Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

None.

Item 9A. Controls and Procedures

Evaluation of Disclosure Controls and Procedures.

The Company's management, with the participation of the Company's chief executive officer and chief financial officer, have evaluated the effectiveness of the Company's disclosure controls and procedures (as such term is defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act")) as of the end of the period covered by this report. Based on their evaluation, the Company's chief executive officer and chief financial officer have concluded that, as of April 30, 2021, the Company's disclosure controls and procedures were effective at a reasonable assurance level.

There are inherent limitations to the effectiveness of any system of disclosure controls and procedures, including the possibility of human error and the circumvention or overriding of the controls and procedures. Accordingly, even effective disclosure controls and procedures can only provide reasonable assurance of achieving their control objectives.

Management's Annual Report on Internal Control over Financial Reporting

Management of Frequency Electronics is responsible for establishing and maintaining adequate internal control over financial reporting as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act. The Company's internal control system is designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with U.S. GAAP. Because of inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Management has assessed the effectiveness of the Company's internal control over financial reporting as of April 30, 2021. In making this assessment, management used the criteria established in Internal Control—Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission. Based on this evaluation, management has concluded that the Company's internal control over financial reporting was effective as of April 30, 2021.

Financial Reporting

As of result of a provision of the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010, which, among other things, permanently exempted non-accelerated filers, such as us, from complying with the requirements of Section 404(b) of the Sarbanes-Oxley Act of 2002, which requires an issuer to include an attestation report from an issuer's independent registered public accounting firm on the issuer's internal control over financial reporting, this annual report on Form 10-K does not include an attestation report of our registered public accounting firm regarding our internal control over financial reporting.

Changes in Internal Control over Financial Reporting.

There were no changes in the Company's internal control over financial reporting (as such term is defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) during the fiscal quarter ended April 30, 2021 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

Item 9B. Other Information

None.

PART III

Item 10. Directors, Executive Officers and Corporate Governance

The information required to be furnished pursuant to this item with respect to Directors of the Company, compliance with Section 16(a) of the Exchange Act, the Company's code of ethics and certain corporate governance matters is incorporated herein by reference from the Company's definitive proxy statement to be filed no later than 120 days after April 30, 2021, for the annual meeting of stockholders to be held on or about October 6, 2021 (the "2021 Proxy Statement"). See "Election of Directors," "Delinquent Section 16(a) Reports," "Corporate Governance Matters – Code of Ethics," and "Certain Information as to Committees and Meetings of the Board" from the Company's 2021 Proxy Statement. The information required to be furnished pursuant to this item with respect to Executive Officers is set forth, pursuant to General Instruction G(3) of Form 10-K, under Part I of this annual report on Form 10-K.

Item 11. Executive Compensation

This item is incorporated herein by reference from the Company's 2021 Proxy Statement under "Election of Directors" and "Executive Compensation."

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

This item is incorporated herein by reference from the Company's 2021 Proxy Statement under "Executive Compensation" and "Stock Ownership of Certain Beneficial Owners and Management."

EQUITY COMPENSATION PLAN INFORMATION

Plan Category	**Number of securities to be issued upon exercise of outstanding options, warrants and rights and vesting of RSU's and PSU's**	**Weighted-average exercise price of outstanding options, warrants and rights**	**Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a))**
	(a)	**(b)**	**(c)**
Equity Compensation Plans Approved by Security Holders (1)	672,000	$ 8.9	755,923

(1) The Company's equity compensation plans are described in Note 11 to the Consolidated Financial Statements.

Item 13. Certain Relationships and Related Transactions, and Director Independence

This item is incorporated herein by reference from the Company's 2021 Proxy Statement under "Election of Directors."

Item 14. Principal Accountant Fees and Services

This item is incorporated herein by reference from the Company's 2021 Proxy Statement under "Appointment of Independent Registered Public Accounting Firm" and "Report of the Audit Committee."

PART IV

Item 15. Exhibits and Financial Statement Schedules

(a) Index to Financial Statements and Exhibits

The financial statements and exhibits are listed below and are filed as part of this report.

(1) FINANCIAL STATEMENTS

Included in Part II of this report:

(2) EXHIBITS

Exhibit No. in this Form 10-K	Description of Exhibit	NOTE
2.1	Stock Purchase Agreement, dated as of February 21, 2012, by and among the Registrant, Elcom Technologies Inc. and the stockholders of Elcom Technologies Inc. identified on the signature pages thereto	(11)
3.1	Copy of Certificate of Incorporation of the Registrant filed with the Secretary of State of Delaware	(1)
3.2	Amendment to Certificate of Incorporation of the Registrant filed with the Secretary of State of Delaware on March 27, 1981	(2)
3.3	Amendment to Certificate of Incorporation of the Registrant filed with Secretary of State of Delaware on October 26, 1984	(5)
3.4	Amendment to Certificate of Incorporation of the Registrant filed with the Secretary of State of Delaware on October 22, 1986	(7)
3.5	Amended and Restated Certificate of Incorporation of the Registrant filed with the Secretary of State of Delaware on October 26, 1987	(9)
3.6	Amended Certificate of Incorporation of the Company filed with the Secretary of State of Delaware on November 2, 1989	(9)
3.7	Amended and Restated By-Laws of the Registrant, as amended	(13)
4.1	Specimen of Common Stock certificate	(1)
4.2	Description of Capital Stock	Filed herewith

Exhibit No. in this Form 10-K	Description of Exhibit	NOTE
10.1*	Employment agreement, dated as of March 17, 2008, between Registrant and Martin Bloch	(4)
10.2	Settlement Agreement dated as of September 13, 2016, by and among Registrant, Privet Fund LP, Privet Fund Management LLC, Ryan J. Levenson and General Lance W. Lord	(14)
10.3*	Frequency Electronics, Inc. 2005 Stock Plan	(16)
10.4	Lease Agreement between Registrant and Reckson Operating Partnership, L.P. dated January 6, 1998	(15)
10.5	First Amendment to Lease Amendment between Registrant and RA 55 CLB LLC (as successor-in-interest to Reckson Operating Partnership, L.P.) dated July 25, 2018	(17)
10.6*	Registrant's Cash or Deferral Profit Sharing Plan and Trust under Internal Revenue Code Section 401, dated April 1, 1985	(6)
10.7	Amendment dated Jan. 1, 1988 to Registrant's Cash or Deferred Profit Sharing Plan and Trust under Section 401 of Internal Revenue Code	(8)
10.8*	Form of Deferred Compensation Agreement	(18)
10.9*	Form of Stock Appreciation Rights Agreement	(19)
10.10*	Employment Agreement effective as of May 1, 2018, between Stanton Sloane and the Registrant	(21)
10.11	Promissory Note, dated April 12, 2020, by and between Registrant and JPMorgan Chase Bank, N.A.	(23)
21	List of Subsidiaries of Registrant	Filed herewith
23.1	Consent of BDO USA, LLP	Filed herewith
31.1	Certification of the Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002	Filed herewith
31.2	Certification of the Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002	Filed herewith
32	Certifications of the Chief Executive Officer and Chief Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002	Filed herewith
101	The following materials from the Frequency Electronics, Inc. Annual Report on Form 10-K for the fiscal year ended April 30, 2021 formatted in eXtensible Business Reporting Language (XBRL): (i) Consolidated Balance Sheets, (ii) Consolidated Statements of Operations and Comprehensive Income (loss), (iii) Consolidated Statements of Cash Flows, (iv) Consolidated Statements of Changes in Stockholders' Equity and (v) Notes to Consolidated Financial Statements	

* Denoted compensatory plans or arrangements or management contracts

NOTES:

(1) Filed with the SEC as an exhibit, numbered as indicated above, to the registration statement of Registrant on Form S-1, File No. 2-29609, which exhibit is incorporated herein by reference.
(2) Filed with the SEC as Exhibit 3.2 to the registration statement of Registrant on Form S-1, File No. 2-71727, which exhibit is incorporated herein by reference.
(3) [Intentionally Omitted]
(4) Filed with the SEC as Exhibit 10.1 to a current report of Registrant on Form 8-K, File No. 1-08061, on May 4, 2018, which exhibit is incorporated herein by reference.
(5) Filed with the SEC as Exhibit 3.3 to the annual report of Registrant on Form 10-K, File No. 1-8061, for the year ended April 30, 1985, which exhibit is incorporated herein by reference.
(6) Filed with the SEC as Exhibit 10.16 to the annual report of Registrant on Form 10-K, File No. 1-8061, for the year ended April 30, 1986, which exhibit is incorporated herein by reference.
(7) Filed with the SEC as Exhibit 3.4 to the annual report of Registrant on Form 10-K, File No. 1-8061, for the year ended April 30, 1987, which exhibit is incorporated herein by reference.
(8) Filed with the SEC as Exhibit 10.24 to the annual report of Registrant on Form 10-K, File No. 1-8061, for the year ended April 30, 1989, which exhibit is incorporated herein by reference.
(9) Filed with the SEC as an exhibit, numbered as indicated above, to the annual report of Registrant on Form 10-K, File No. 1-8061, for the year ended April 30, 1990, which exhibit is incorporated herein by reference.
(10) [Intentionally Omitted]
(11) Filed with the SEC as Exhibit 2.1 to the current report of Registrant on Form 8-K, File No. 1-8061, on February 27, 2012, which exhibit is incorporated herein by reference.
(12) [Intentionally Omitted]
(13) Filed with the SEC as Exhibit 3.1 to a current report of the Registrant on Form 8-K, File No. 1-8061, on June 25, 2020, which exhibit is incorporated herein by reference.
(14) Filed with the SEC as Exhibit 10.1 to a current report of the Registrant on Form 8-K, File No. 1-8061, on September 16, 2016, which exhibit is incorporated herein by reference.
(15) Filed with the SEC as Exhibit 10.13 to the annual report of Registrant on Form 10-K, File No. 1-8061, for the year ended April 30, 1998, which exhibit is incorporated herein by reference.
(16) Filed with the SEC as Exhibit 10.1 to a current report of the Registrant on Form 8-K, File No. 1-8061, on October 4, 2005, which exhibit is incorporated herein by reference.
(17) Filed with the SEC as Exhibit 10.13 to the annual report of Registrant on Form 10-K, File No. 1-8061, for the year ended April 30, 2018, which exhibit is incorporated herein by reference.
(18) Filed with the SEC as Exhibit 10.17 to Amendment No. 1 on Form 10-K/A to the annual report of Registrant on Form 10-K, File No. 1-8061, for the year ended April 30, 2018, which exhibit is incorporated herein by reference.
(19) Filed with the SEC as Exhibit 10.18 to Amendment No. 1 on Form 10-K/A to the annual report of Registrant on Form 10-K, File No. 1-8061, for the year ended April 30, 2018, which exhibit is incorporated herein by reference.
(20) [Intentionally Omitted]
(21) Filed with the SEC as Exhibit 10.11 to the annual report of the Registrant on Form 10-K, File No. 1-8061, for the year ended April 30, 2019, which exhibit is incorporated herein by reference.
(22) Filed with the SEC as Exhibit 16.1 to a current report of the Registrant on Form 8-K, File No. 1-8061, on July 30, 2019, which exhibit is incorporated herein by reference.
(23) Filed with the SEC as Exhibit 10.11 to the annual report of the Registrant on Form 10-K, File No. 1-8061, for the year ended April 30, 2020, which exhibit is incorporated herein by reference.

Item 16. Form 10-K Summary.

None.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

FREQUENCY ELECTRONICS, INC.

By: /s/ Stanton Sloane
Stanton Sloane
President and CEO
(Principal Executive Officer)

By: /s/ Steven L. Bernstein
Steven L. Bernstein
Chief Financial Officer, Secretary and Treasurer
(Principal Financial and Accounting Officer)

Dated: June 30, 2021

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated:

Signature	Title	Date
/s/ Jonathan Brolin Jonathan Brolin	Lead Independent Director	6/30/2021
/s/ Richard Schwartz Richard Schwartz	Director	6/30/2021
/s/ Stanton D. Sloane Stanton D. Sloane	Director, President and CEO	6/30/2021
/s/ Russell M. Sarachek Russell M. Sarachek	Chairman of the Board	6/30/2021
/s/ GEN Lance W. Lord, USAF, ret Lance W. Lord	Director	6/30/2021

Exhibit 4.2

DESCRIPTION OF CAPITAL STOCK

General

The following is a description of the material terms of the capital stock of Frequency Electronics, Inc. (the "Company"). This description is not complete and is qualified by reference to the Company's amended and restated certificate of incorporation (the "Certificate of Incorporation") and its amended and restated bylaws (the "Bylaws"). The Certificate of Incorporation and the Bylaws are filed as exhibits to the Company's Annual Report on Form 10-K and incorporated by reference herein. Additionally, the following description of certain provisions of Delaware law is not complete and is qualified by reference to the Delaware General Corporation Law ("DGCL").

Under the Certificate of Incorporation, the Company's authorized capital stock consists of 20,000,000 shares of common stock, $1.00 par value per share ("Common Stock"), and (b) 600,000 shares of preferred stock, $1.00 par value per share ("Preferred Stock," and collectively with Common Stock, "Capital Stock").

All outstanding shares of Common Stock are duly authorized, validly issued, fully-paid and non-assessable.

Common Stock

Voting Rights

Each holder of Common Stock is entitled to one vote for each share of Common Stock held on all matters submitted to a vote of stockholders, except as otherwise expressly provided in the Certificate of Incorporation or required by applicable law. The Certificate of Incorporation does not provide for cumulative voting for the election of directors.

Dividend Rights

Holders of Common Stock are entitled to receive dividends as may be declared from time to time by the Company's board of directors (the "Board") out of funds legally available therefor and in the sole discretion of the Board, except as otherwise provided by law or the Certificate of Incorporation.

Liquidation Rights

Pursuant to Delaware law, in the event of the liquidation, dissolution, or winding-up of the Company, the remaining assets legally available for distribution to stockholders shall be distributed ratably among the holders of Common Stock.

Other Rights

Holders of Common Stock have no preemptive rights and no right to convert their Common Stock into any other securities. The Common Stock is not subject to any redemption or sinking fund provisions.

Preferred Stock

The Board may issue shares of Preferred Stock from time to time in series or otherwise without further stockholder action. The Board has the authority to make designations regarding any Preferred Stock it issues, including preferences, voting powers and relative, participating, optional or other special rights and qualifications, limitations or restrictions of such Preferred Stock.

Anti-Takeover Provisions

Certain provisions of the Certificate of Incorporation and the Bylaws and Delaware law could have an anti-takeover effect and could delay, discourage or prevent a tender offer or takeover attempt that a stockholder might consider to be in its best interests, including attempts that might otherwise result in a premium being paid over the market price of the Common Stock.

Certificate of Incorporation and Bylaw Provisions

The Certificate of Incorporation and the Bylaws contain provisions that could have the effect of delaying or preventing changes in control or changes in the Company's management without the consent of the Board, including, among other things:

- no cumulative voting in the election of directors, which limits the ability of minority stockholders to elect director candidates;

- the right of the Board to elect a director to fill a vacancy in the Board, which prevents stockholders from being able to fill vacancies on the Board;

- the requirement that a special meeting of stockholders may be called only by the Chairperson of the Board, the Company's president or the Board;

- the ability of the Board, by majority vote, to amend the Bylaws, which may allow the Board to take additional actions to prevent a hostile acquisition and inhibit the ability of an acquirer to amend the Bylaws to facilitate a hostile acquisition;

- advance notice procedures with which stockholders must comply to nominate candidates to the Board or to propose matters to be acted upon at a stockholders' meeting, which may preclude stockholders from bringing matters before a meeting of stockholders or from making nominations for directors at a meeting of stockholders if the proper procedures are not followed; and

- the requirement that a business combination with any party that beneficially owns 5% or more of the Capital Stock then entitled to vote on the election of directors be approved by the affirmative vote of (i) not less than 75% of the outstanding shares of Capital Stock entitled to vote on the election of directors and (ii) not less than a majority of all outstanding shares of Capital Stock, in each case, excluding all Capital Stock owned by the acquiring party and subject to certain exceptions and qualifications provided in the Certificate of Incorporation.

Delaware Law

The Company is subject to Section 203 of the DGCL, which prohibits a Delaware corporation from engaging in any business combination with any interested stockholder for a period of three years after the date that such stockholder became an interested stockholder, with the following exceptions:

- before such date, the board of directors of the corporation approved either the business combination or the transaction that resulted in the stockholder becoming an interested stockholder;

- upon the closing of the transaction that resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction began, excluding for purposes of determining the voting stock outstanding (but not the outstanding voting stock owned by the interested stockholder) those shares owned by (i) persons who are directors and also officers and (ii) employee stock plans in which employee participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer; or

- on or after such date, the business combination is approved by the board of directors and authorized at an annual or special meeting of the stockholders, and not by written consent, by the affirmative vote of at least 66 2/3% of the outstanding voting stock that is not owned by the interested stockholder.

In general, Section 203 defines business combination to include the following:

- any merger or consolidation involving the corporation and the interested stockholder;

- any sale, transfer, pledge, or other disposition of 10% or more of the assets of the corporation involving the interested stockholder;

- subject to certain exceptions, any transaction that results in the issuance or transfer by the corporation of any stock of the corporation to the interested stockholder;

- any transaction involving the corporation that has the effect of increasing the proportionate share of the stock or any class or series of the corporation beneficially owned by the interested stockholder; or

- the receipt by the interested stockholder of the benefit of any loss, advances, guarantees, pledges, or other financial benefits by or through the corporation.

In general, Section 203 defines an "interested stockholder" as an entity or person who, together with the person's affiliates and associates, beneficially owns, or within three years prior to the time of determination of interested stockholder status did own, 15% or more of the outstanding voting stock of the corporation.

Transfer Agent and Registrar

The transfer agent and registrar for the Common Stock is American Stock Transfer & Trust Company, LLC "(AST)"

Listing

The Common Stock is listed on the NASDAQ Global Market under the symbol "FEIM."

Exhibit 21

FREQUENCY ELECTRONICS, INC. and SUBSIDIARIES

List of Subsidiaries of Registrant

Subsidiary & Name under which business is performed	Jurisdiction of Incorporation
FEI Zyfer, Inc.	Delaware
FEI-Elcom Tech, Inc.	Delaware

Exhibit 23.1

Consent of Independent Registered Public Accounting Firm

Frequency Electronics, Inc.
Mitchel Field, New York

We hereby consent to the incorporation by reference in the Registration Statement on Form S-8 (Nos. 333-08901, 333-40506, 333-140938, 333-156600, 333-42233 and 333-188952) of Frequency Electronics, Inc. of our report dated June 30, 2021, relating to the consolidated financial statements which appears in this Annual Report on Form 10-K.

/s/ BDO USA, LLP

Melville, New York
June 30, 2021

Exhibit 31.1

Certification

I, Stanton Sloane, certify that:

1. I have reviewed this annual report on Form 10-K of Frequency Electronics, Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

(a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

(b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

(c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

(d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting;

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

(a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: June 30, 2021

By: /s/ Stanton Sloane
Stanton Sloane
President and Chief Executive Officer

Exhibit 31.2

Certification

I, Steven L. Bernstein, certify that:

1. I have reviewed this annual report on Form 10-K of Frequency Electronics, Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

(a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

(b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

(c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

(d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting;

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

(a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: June 30, 2021

By: /s/ Steven L. Bernstein
Steven L. Bernstein
Chief Financial Officer

Exhibit 32

**CERTIFICATION PURSUANT TO
SECTION 906 OF
THE SARBANES-OXLEY ACT OF 2002**

Certification of CEO

In connection with the Annual Report of Frequency Electronics, Inc. (the "Company") on Form 10-K for the year ended April 30, 2021 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Stanton Sloane, President and Chief Executive Officer of the Company, certify, pursuant to Section 18 U.S.C. 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

(1) The Report fully complies with the requirements of Section 13(a) and 15(d) of the Securities Exchange Act of 1934; and

(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/s/ Stanton Sloane June 30, 2021
Stanton Sloane
President and Chief Executive Officer

Certification of CFO

In connection with the Annual Report of Frequency Electronics, Inc. (the "Company") on Form 10-K for the year ended April 30, 2021 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Steven L. Bernstein, Chief Financial Officer of the Company, certify, pursuant to Section 18 U.S.C. 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

(1) The Report fully complies with the requirements of Section 13(a) and 15(d) of the Securities Exchange Act of 1934; and

(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/s/ Steven L. Bernstein June 30, 2021
Steven L. Bernstein
Chief Financial Officer

A signed original of this written statement required by Section 906, or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

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FREQUENCY ELECTRONICS, INC. & SUBSIDIARIES

Corporate Headquarters:
55 Charles Lindbergh Blvd
Mitchel Field, NY 11553

Subsidiary	Location	Primary Function
FEI Communications, Inc.	Mitchel Field, NY	Commercial communication systems and products
FEI Government Systems, Inc.	Mitchel Field, NY	U.S. Government systems and products
FEI-Elcom Tech, Inc.	Rockleigh, NJ	RF Microwave products
FEI Realty, Inc.	Mitchel Field, NY	Corporate property holdings
FEI-Zyfer, Inc.	Garden Grove, CA	GPS time and frequency receivers, synchronization systems and secure communication products

CORPORATE INFORMATION

BOARD OF DIRECTORS

Stanton D. Sloane
President, Chief Executive Officer, Frequency Electronics, Inc.

Jonathan Brolin (1)
Founder and Managing Partner of Edenbrook Capital, LLC

Lance Lord
General, U.S. Air Force (retired)

Russell Sarachek (3)
Managing Director of Contra Capital Management

Richard Schwartz (2)
Former Chairman and CEO of ATK (retired)

OFFICERS

Stanton D. Sloane
President, Chief Executive Officer

Oleandro Mancini
Senior Vice President, Business Development

Steven Strang
President, FEI-Zyfer

Thomas McClelland
Senior Vice President and Chief Scientist

Adrian Lalicata
Vice President, RF & Microwave Systems

John Caulfield
Vice President of Manufacturing

Steven L. Bernstein
Chief Financial Officer

(1) Chairman—Audit Committee
(2) Chairman—Compensation Committee
(3) Chairman of the Board of Directors

Counsel
Hunton Andrews Kurth, LLP
MetLife Building
200 Park Avenue
New York, NY 10166

Auditors
BDO USA, LLP
One Prudential Plaza
Chicago, IL 60601

Website
www.freqelec.com

Transfer Agent and Registrar
American Stock Transfer & Trust Co.
59 Maiden Lane
New York, NY 10038

Exchange Listing
NASDAQ Global Market
Common Stock
Stock Symbol: FEIM

Annual Meeting
October 6, 2021, 10:00 AM
Frequency Electronics, Inc.
55 Charles Lindbergh Blvd.
Mitchel Field, NY 11553

Form 10-K
The Form 10-K report included in this annual report to Stockholders has been filed with the Securities and Exchange Commission ("SEC"). Additional copies of the Form 10-K as filed with the SEC may be obtained by request from the Company or through the Company's website.

FREQUENCY ELECTRONICS, INC.
55 Charles Lindbergh Blvd.
Mitchel Field, NY 11553
Tel: 516.794.4500 • Fax: 516.794.4340
E-mail: sales@freqelec.com
Visit us at www.freqelec.com